

chain nodes :

13 14 26 27 39 40 47 48 49 50 52 53

ring nodes :

1 2 3 4 5 6 7 8 9 10 15 16 17 18 19 20 21 22 23 24 28
29 30 31 32 33 34 35 36 37

chain bonds :

4-13 9-14 18-26 23-27 31-39 36-40 47-48 47-52 48-49 48-50 49-53

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-10 7-8 8-9 9-10 15-16 15-19 16-17
17-18 18-19 20-21 20-24 21-22 22-23 23-24 28-29 28-32 29-30
30-31 31-32 33-34 33-37 34-35 35-36 36-37

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 4-13 6-7 6-10 7-8 8-9 9-10 9-14 15-16
15-19 16-17 17-18 18-19 18-26 20-21 20-24 21-22 22-23 23-24
23-27 28-29 28-32 29-30 30-31 31-32 31-39 33-34 33-37 34-35
35-36 36-37 36-40 47-48 47-52 48-49 48-50 49-53

isolated ring systems :

containing 1 : 6 : 15 : 20 : 28 : 33 :

G1:O,S

G2:[*1],[*2],[*3],[*4],[*5],[*6]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 26:Atom 27:Atom 28:Atom
29:Atom

30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom
37:Atom 39:Atom 40:Atom 47:CLASS 48:CLASS 49:CLASS 50:CLASS
52:CLASS 53:Atom

Generic attributes :

13:
Saturation : Unsaturated
14:
Saturation : Unsaturated
26:
Saturation : Unsaturated
27:
Saturation : Unsaturated
39:
Saturation : Unsaturated
40:
Saturation : Unsaturated

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2.6.1

=>

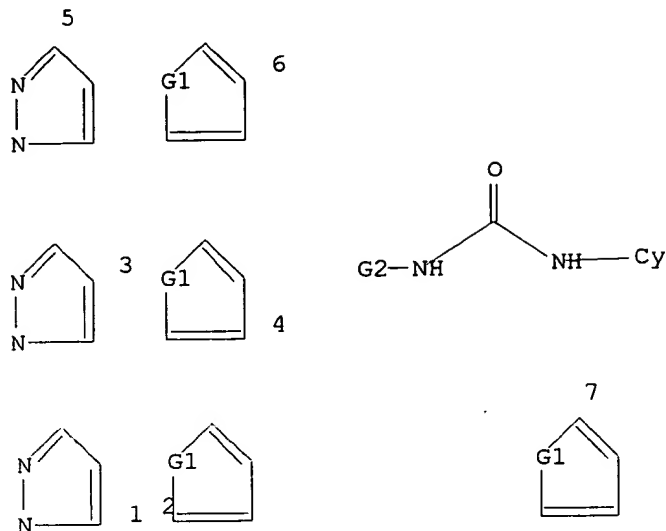
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O, S

G2 [01], [02], [03], [04], [05], [06], [07]

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 08:35:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 8778 TO ITERATE

11.4% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

9 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 169956 TO 181164
PROJECTED ANSWERS: 1047 TO 2113

L2 9 SEA SSS SAM L1

=>

Uploading 472232a.str

09/472,232

L3 STRUCTURE UPLOADED

=> d 13

L3 HAS NO ANSWERS

L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 13 sss sam

SAMPLE SEARCH INITIATED 08:48:55 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 8778 TO ITERATE

11.4% PROCESSED 1000 ITERATIONS

2 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 169956 TO 181164

PROJECTED ANSWERS: 100 TO 602

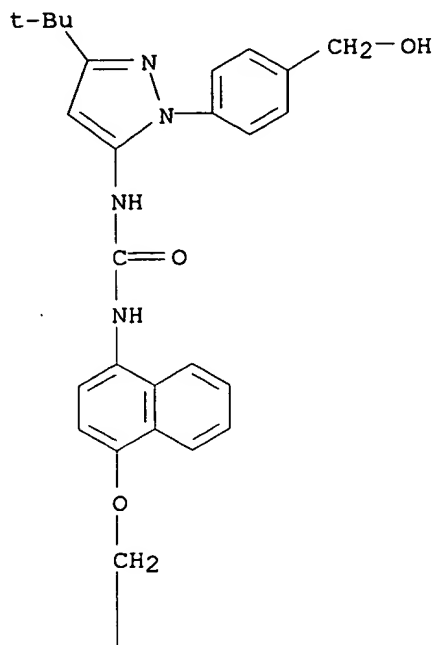
L4 2 SEA SSS SAM L3

=> d scan 14

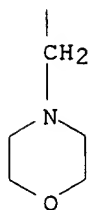
09/472,232

L4 2 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN Urea, N-[3-(1,1-dimethylethyl)-1-[4-(hydroxymethyl)phenyl]-1H-pyrazol-5-
yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI)
MF C31 H37 N5 O4

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PAGE 2-A



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

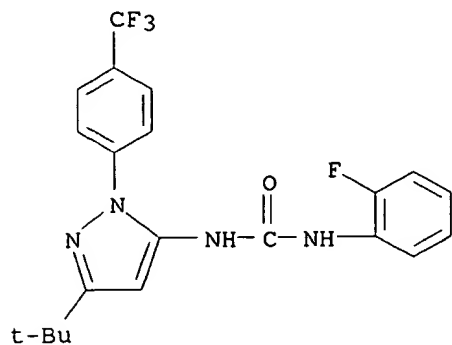
09/472,232

L4 2 ANSWERS REGISTRY COPYRIGHT 2001 ACS

IN Urea,

N-[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-5-yl]-N'-(2-fluorophenyl)- (9CI)

MF C21 H20 F4 N4 O



ALL ANSWERS HAVE BEEN SCANNED

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=> s 13 sss ful

FULL SEARCH INITIATED 08:49:40 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 175864 TO ITERATE

100.0% PROCESSED 175864 ITERATIONS
SEARCH TIME: 00.00.09

267 ANSWERS

L5 267 SEA SSS FUL L3

=> s 15

L6 35 L5

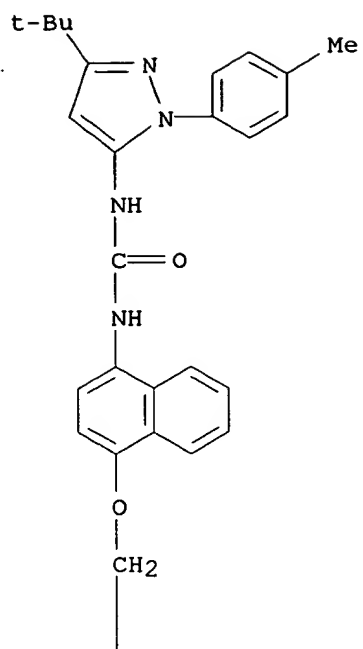
=> d 16 1-35 bib,ab,hitstr

L6 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:50642 CAPLUS
 DN 134:86264
 TI Novel process for synthesis of heteroaryl-substituted ureas
 IN Zhang, Lin-Hua; Zhu, Lei
 PA Boehringer Ingelheim Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

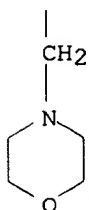
not prior.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001004115	A2	20010118	WO 2000-US17655	20000627
	W: CA, JP, MX RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	US 1999-143094		19990709		
AB	The title compds. [I; Ar1 = (un)substituted Ph, pyridinyl, pyrazolyl, etc.; Ar2 = (un)substituted Ph, naphthyl, quinolinyl, etc.; L = alkylene wherein one or more methylene groups are optionally replaced by O, N, or S, and substituted with 0-2 oxo groups and one or more alkyl, or L = cycloalkyl or cycloalkenyl optionally substituted with 1-2 oxo, 1-3 alkyl, alkoxy, alkylamino, etc., Q = (un)substituted Ph, naphthyl, pyridinyl, etc.; X = O, S], useful in pharmaceutic compns. for treating diseases or pathol. conditions involving inflammation such as chronic inflammatory diseases (no data), were prepd. E.g., a multi-step synthesis of the urea II was given.				
IT	285983-48-4P RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation) (novel process for synthesis of heteroaryl-substituted ureas)				
RN	285983-48-4 CAPLUS				
CN	Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)				

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L6 ANSWER 2 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 2000:721433 CAPLUS

DN 134:25114

TI Aryl ureas represent a new class of anti-trypanosomal agents

AU Du, Xiaohui; Hansell, Elizabeth; Engel, Juan C.; Caffrey, Conor R.; Cohen,

Fred E.; McKerrow, James H.

CS Department of Cellular and Molecular Pharmacology and Medicine,
University

of California, San Francisco, CA, 94143-0450, USA

SO Chem. Biol. (2000), 7(9), 733-742

CODEN: CBOLE2; ISSN: 1074-5521

PB Elsevier Science Ltd.

DT Journal

LA English

AB Background: The trypanosomal diseases including Chagas' disease, African sleeping sickness and Nagana have a substantial impact on human and animal

health worldwide. Classes of effective therapeutics are needed owing to the emergence of drug resistance as well as the toxicity of existing agents. The cysteine proteases of two trypanosomes, *Trypanosoma cruzi* (cruzain) and *Trypanosoma brucei* (rhodesain), have been targeted for a structure-based drug design program as mechanistic inhibitors that target these enzymes are effective in cell-based and animal models of trypanosomal infection. Results: We have used computational methods to identify new lead scaffolds for non-covalent inhibitors of cruzain and rhodesain, have demonstrated the efficacy of these compds. in cell-based and animal assays, and have synthesized analogs to explore structure activity relationships. Nine compds. with varied scaffolds identified by DOCK4.0.1 were found to be active at concns. below 10 μM against cruzain and rhodesain in enzymic studies. All hits were calcd. to have substantial hydrophobic interactions with cruzain. Two of the scaffolds, the urea scaffold and the aroyl thiourea scaffold, exhibited activity against *T. cruzi* in vivo and both enzymes in vitro. They also have predicted pharmacokinetic properties that meet Lipinski's "rule of 5". These scaffolds are synthetically tractable and lend themselves to combinatorial chem. efforts. One of the compds., 5'-(1-methyl-3-trifluoromethylpyrazol-5-yl)-thiophene 3'-trifluoromethylphenyl urea

(D16)

showed a 3.1 μM IC50 against cruzain and a 3 μM IC50 against rhodesain. Infected cells treated with D16 survived 22 days in culture compared with 6 days for their untreated counterparts. The mechanism of the inhibitors of these two scaffolds is confirmed to be competitive and reversible. Conclusions: The urea scaffold and the thiourea scaffold are promising leads for the development of new effective chemotherapy for trypanosomal diseases. Libraries of compds. of both scaffolds need to be synthesized and screened against a series of homologous parasitic

cysteine

proteases to optimize the potency of the initial leads.

IT 312324-31-5 312324-41-7

RL: BAC (Biological activity or effector, except adverse); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (aryl ureas, a new class of anti-trypanosomal agents)

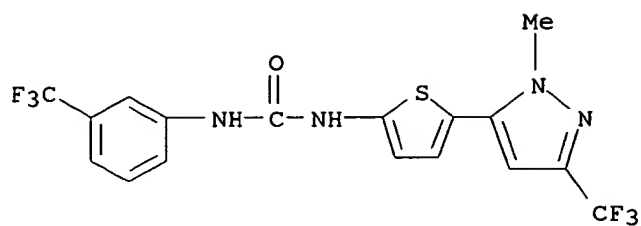
RN 312324-31-5 CAPLUS

CN Urea,

N-[5-[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]-2-thienyl]-N'-[3-

09/472,232

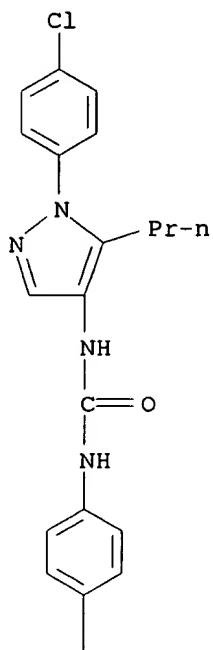
(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 312324-41-7 CAPLUS

CN Urea, N-[1-(4-chlorophenyl)-5-propyl-1H-pyrazol-4-yl]-N'-[4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)

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RE.CNT 44

RE

(4) Castro, J; J Med Chem 1996, V39, P842 CAPLUS

09/472,232

- (5) Connolly, M; J Appl Cryst 1983, V16, P548 CAPLUS
 - (6) Connolly, M; Science 1983, V221, P709 CAPLUS
 - (7) Croft, S; Trypanosomiasis and Leishmaniasis: Biology and Control 1997,
P245
CAPLUS
 - (9) Engel, J; J Exp Med 1998, V188, P725 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 2000:666713 CAPLUS

DN 133:252426

TI Preparation of aromatic heterocyclic ureas as antiinflammatory agents

IN Betageri, Rajashehar; Breittfelder, Steffen; Cirillo, Pier F.; Gilmore, Thomas A.; Hickey, Eugene R.; Kirrane, Thomas M.; Moriak, Monica H.;

Moss,

Neil; Patel, Usha R.; Proudfoot, John R.; Regan, John R.; Sharma, Rajiv; Sun, Sanxing; Swinamer, Alan D.; Takahashi, Hidenori

PA Boehringer Ingelheim Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 282 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000055139	A2	20000921	WO 2000-US3865	20000216
	W: AE, AU, BG, BR, BY, CA, CN, CZ, EE, HR, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, UZ, VN, YU, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

PRAI US 1999-124148 19990312

US 1999-165867 19991116

OS MARPAT 133:252426

AB The title compds. (I) [wherein Ar1 = (un)substituted pyrrole, pyrrolidine,

pyrazole, imidazole, oxazole, thiazole, furan, or thiophene; Ar2 = (un)substituted Ph, (tetrahydro)naphthyl, (tetrahydro)quinoline, (tetrahydro)isoquinoline, benzimidazole, benzofuran, indanyl, or indole; W = O or S; X = (un)substituted cycloalkyl, cycloalkenyl, Ph, furan, thiophene, pyrrole, imidazolyl, pyridine, pyrimidine, (dihydro)pyridinone, (dihydro)maleimide, piperidine, piperazine, or pyrazine; Y = a bond or (un)substituted satd. or unsatd. alkyl optionally interrupted by O, NH, S(O), SO₂, or S; Z = (un)substituted Ph, pyridine, pyrimidine, pyridazine, imidazole, (tetrahydro)furan, thiophene, (tetrahydro)pyran, 1,3-dioxolanone, 1,3-dioxanone, 1,4-dioxane, (thio)morpholine (sulfoxide), piperidine, cyclohexanone, pentamethylene sulfoxide, etc.] were prepd. for the treatment of diseases or pathol. conditions involving inflammation, such as chronic inflammatory diseases. Thus, coupling 2-cyclohexenone with 4-bromo-1-naphthylamine in the presence of Pd(PPh₃)₂Cl₂, DPPP, and NaHCO₃ in DMF, followed by conversion of the amine to an isocyanate using ClCOCl and immediate addn. of 1-(4-methylphenyl)-3-tert-butyl-1H-pyrazol-5-amine, gave the urea II. In a cytokine prodn. inhibition assay, preferred compds. of the invention showed IC₅₀ < 10 .mu.M against TNF-.alpha. in lipopolysaccharide stimulated THF cells.

IT 294851-78-8P

RL: BAC (Biological activity or effector, except adverse); RCT

(Reactant);

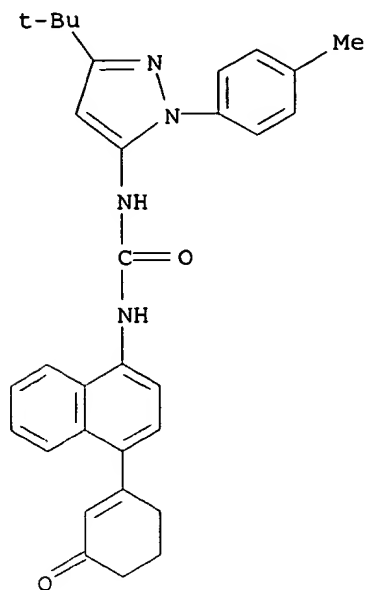
SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of arom. heterocyclic urea antiinflammatory agents by conversion of arylamines to isocyanates followed by addn. of heterocyclic amines)

09/472,232

RN 294851-78-8 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-(3-oxo-1-cyclohexen-1-yl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)



IT 294848-43-4P 294848-46-7P 294848-49-0P
294848-51-4P 294848-53-6P 294848-55-8P
294848-58-1P 294848-64-9P 294848-67-2P
294848-70-7P 294848-73-0P 294848-76-3P
294848-79-6P 294848-82-1P 294848-85-4P
294848-88-7P 294848-91-2P 294848-94-5P
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294849-34-6P 294849-36-8P 294849-38-0P
294849-40-4P 294849-42-6P 294849-44-8P
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294851-79-9P 294851-81-3P 294851-83-5P
294851-85-7P 294853-11-5P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of arom. heterocyclic urea antiinflammatory agents by conversion of arylamines to isocyanates followed by addn. of heterocyclic amines)

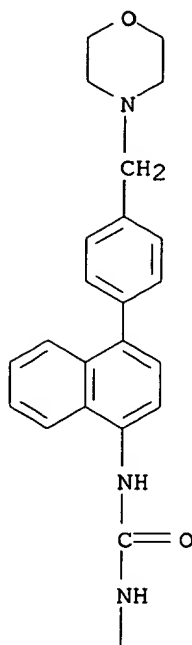
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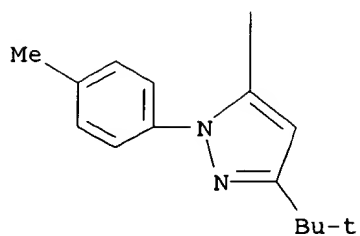
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[4-(4-morpholinylmethyl)phenyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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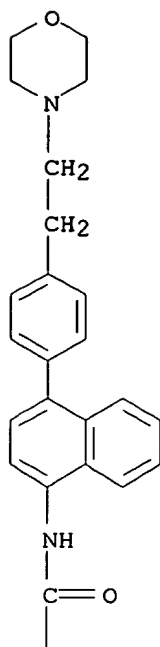


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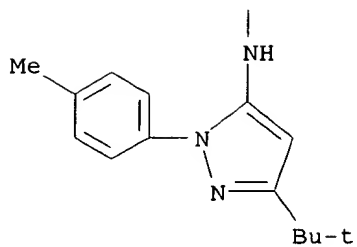
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-(4-[4-(2-(4-morpholinyl)ethyl)phenyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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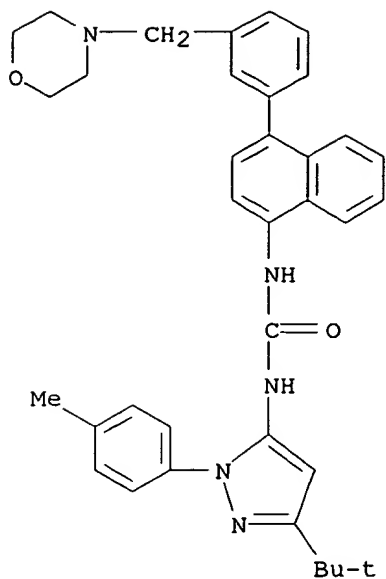


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RN 294848-49-0 CAPLUS
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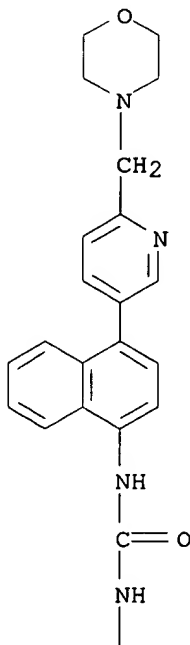
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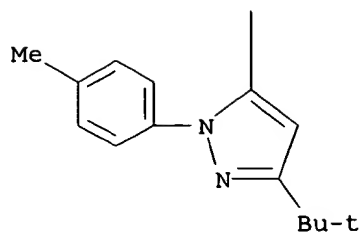
RN 294848-51-4 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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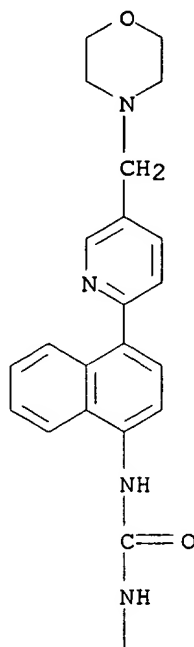


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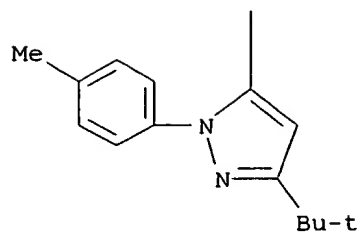
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 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[5-(4-morpholinylmethyl)-2-pyridinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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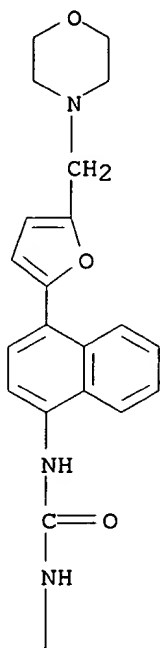
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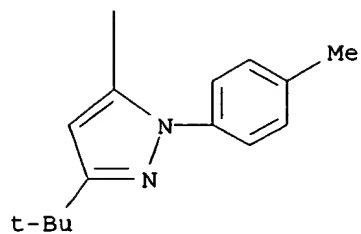
RN 294848-55-8 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[5-(4-morpholinymethyl)-2-furanyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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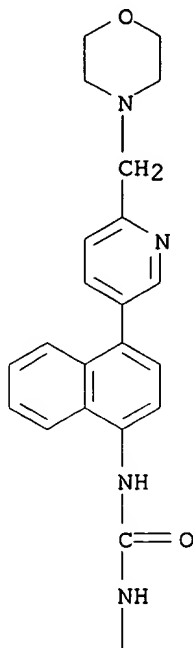
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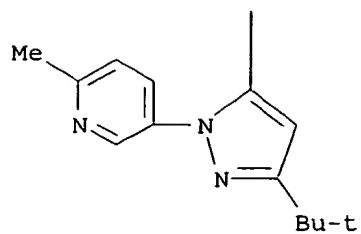
PAGE 2-A



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N'-[4-[6-(4-morpholinymethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA
INDEX NAME)

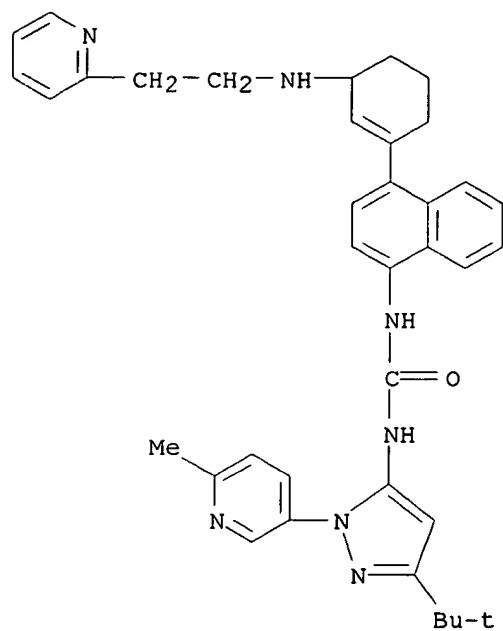
PAGE 1-A





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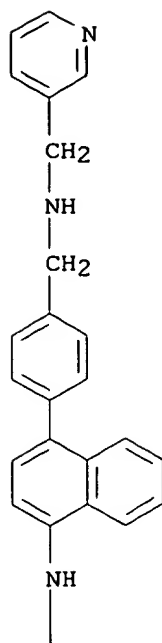
CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
N'-[4-[3-[[2-(2-pyridinyl)ethyl]amino]-1-cyclohexen-1-yl]-1-naphthalenyl]-
(9CI) (CA INDEX NAME)



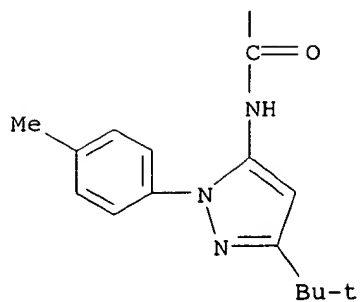
RN 294848-67-2 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[4-[[3-(3-pyridinylmethyl)amino]methyl]phenyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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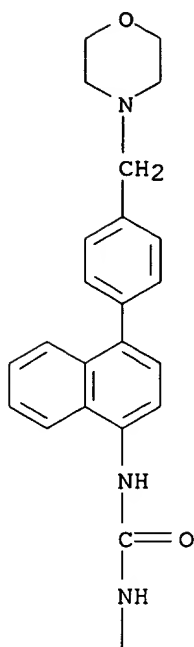
PAGE 2-A



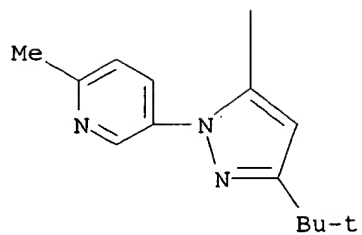
RN 294848-70-7 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[4-(4-morpholinylmethyl)phenyl]-1-naphthalenyl]- (9CI) (CA INDEX
 NAME)

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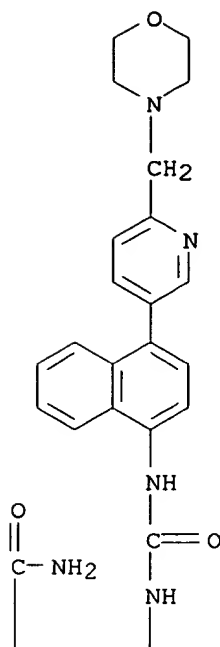


RN 294848-73-0 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
N'-[4-[6-[(4-hydroxybutyl)amino]-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA
INDEX NAME)

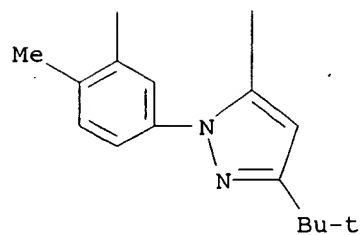
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CN Benzamide, 5-[3-(1,1-dimethylethyl)-5-[[[4-[6-(4-morpholinylmethyl)-3-
 pyridinyl]-1-naphthalenyl]amino]carbonyl]amino]-1H-pyrazol-1-yl]-2-methyl-
 (9CI) (CA INDEX NAME)

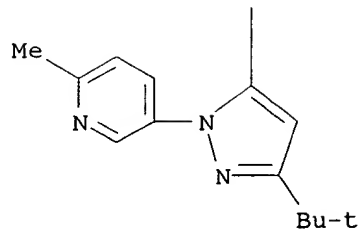
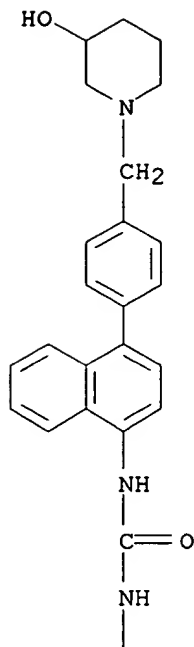
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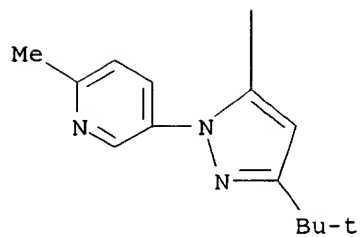
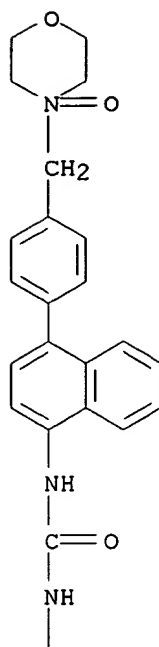
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RN 294848-79-6 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[4-[(3-hydroxy-1-piperidinyl)methyl]phenyl]-1-naphthalenyl]- (9CI)
 (CA INDEX NAME)

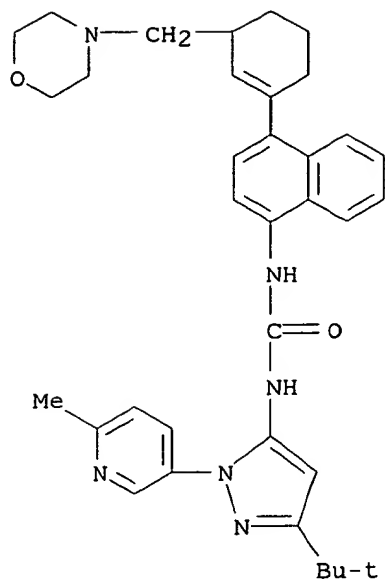


RN 294848-82-1 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[4-(4-oxido-4-morpholinyl)methyl]phenyl]-1-naphthalenyl]- (9CI)
 (CA INDEX NAME)



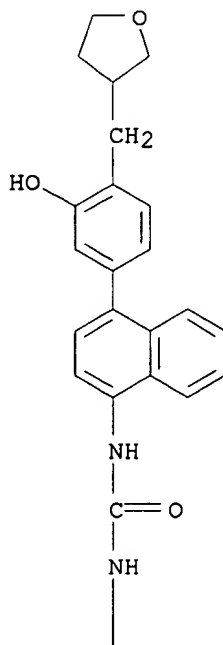
RN 294848-85-4 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[3-(4-morpholinylmethyl)-1-cyclohexen-1-yl]-1-naphthalenyl]- (9CI)
 (CA INDEX NAME)

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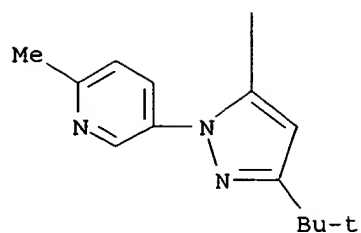


RN 294848-88-7 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
N'-[4-[3-hydroxy-4-[(tetrahydro-3-furanyl)methyl]phenyl]-1-naphthalenyl]-
(9CI) (CA INDEX NAME)

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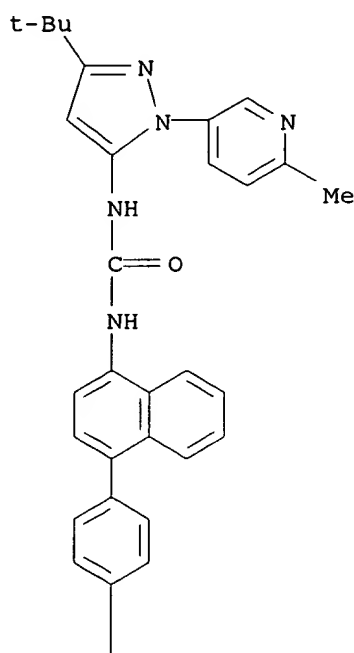


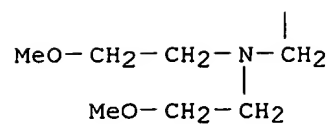
RN 294848-91-2 CAPLUS

CN Urea,

N-[4-[4-[[bis(2-methoxyethyl)amino]methyl]phenyl]-1-naphthalenyl]-N'-
 [3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]- (9CI)
 (CA INDEX NAME)

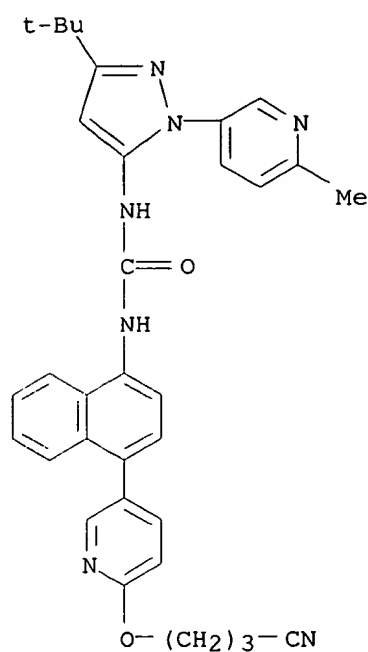
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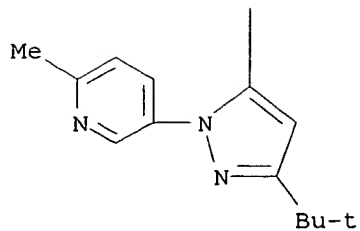
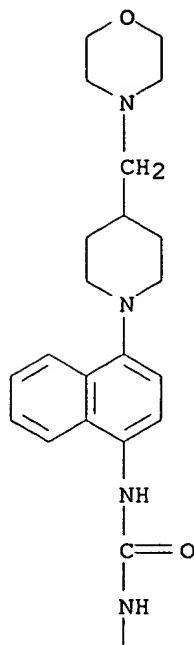
RN 294848-94-5 CAPLUS

CN Urea, N-[4-[6-(3-cyanopropoxy)-3-pyridinyl]-1-naphthalenyl]-N'-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]- (9CI) (CA

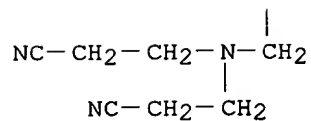
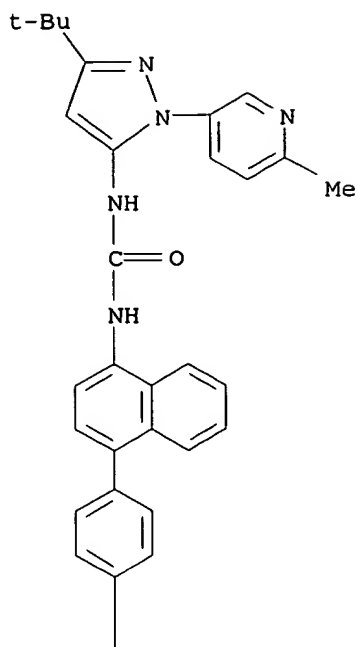
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NAME)

RN 294848-96-7 CAPLUS

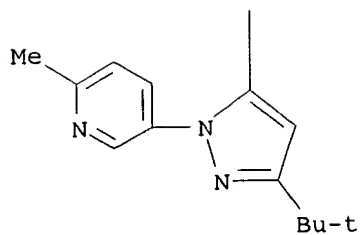
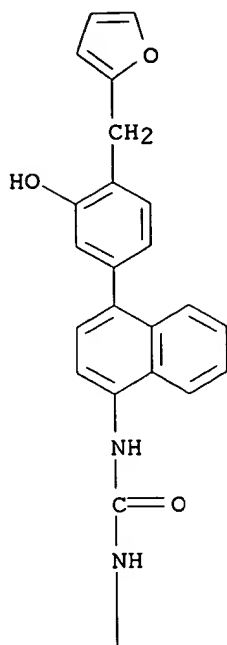
CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-N'-[4-[4-(4-morpholinylmethyl)-1-piperidinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 294848-98-9 CAPLUS
 CN Urea, N-[4-[4-[[bis(2-cyanoethyl)amino]methyl]phenyl]-1-naphthalenyl]-N'-
 [3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]- (9CI)
 (CA INDEX NAME)



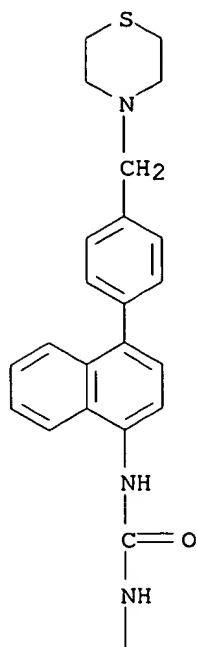
RN 294849-00-6 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[4-(2-furanylmethyl)-3-hydroxyphenyl]-1-naphthalenyl]- (9CI) (CA
 INDEX NAME)



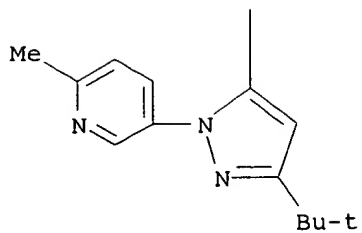
RN 294849-02-8 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[4-(4-thiomorpholinylmethyl)phenyl]-1-naphthalenyl]- (9CI) (CA
 INDEX NAME)

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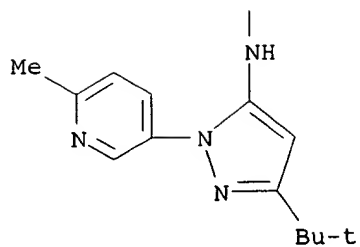
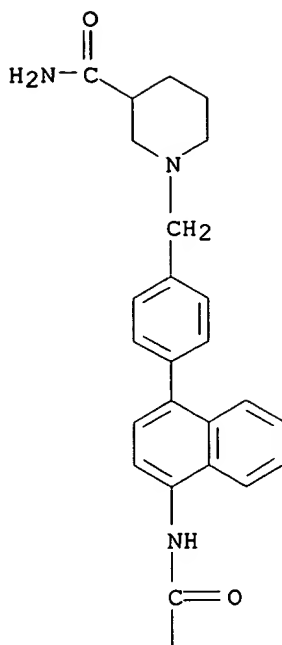
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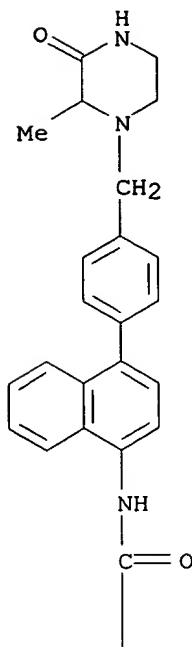


RN 294849-04-0 CAPLUS
CN 3-Piperidinecarboxamide,
1-[[4-[[4-[[[3-(1,1-dimethylethyl)-1-(6-methyl-3-
pyridinyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-
naphthalenyl]phenyl]methyl]- (9CI) (CA INDEX NAME)

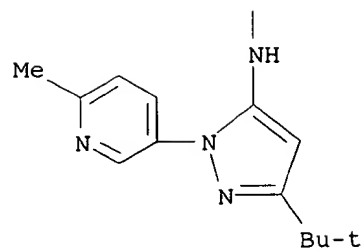


RN 294849-06-2 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[4-[(2-methyl-3-oxo-1-piperazinyl)methyl]phenyl]-1-naphthalenyl]-
 (9CI) (CA INDEX NAME)

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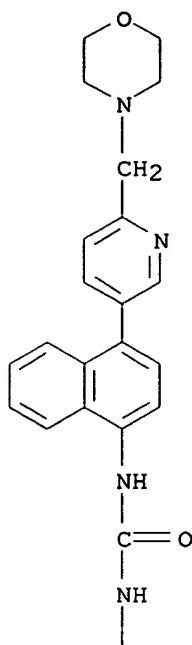


RN 294849-08-4 CAPLUS

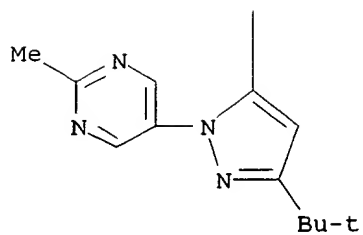
CN Urea,

N-[3-(1,1-dimethylethyl)-1-(2-methyl-5-pyrimidinyl)-1H-pyrazol-5-yl]-
 N'-[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA
 INDEX NAME)

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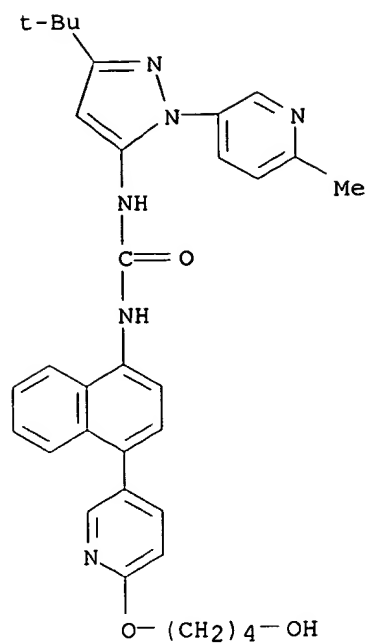


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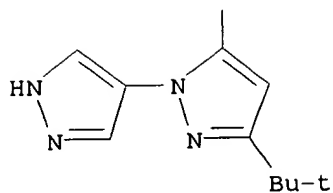
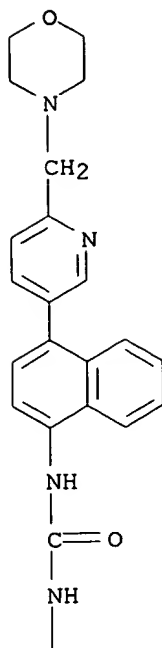


RN 294849-10-8 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[6-(4-hydroxybutoxy)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA INDEX
 NAME)

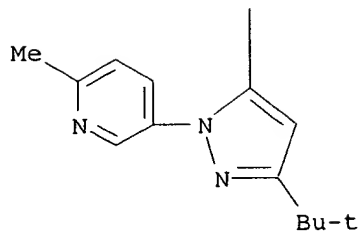
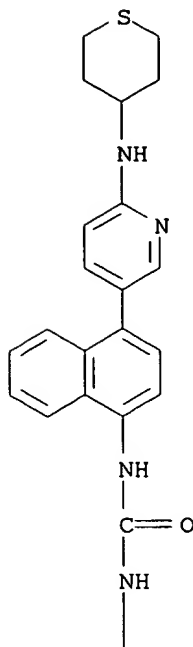
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RN 294849-12-0 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)[1,4'-bi-1H-pyrazol]-5-yl]-N'-[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 294849-14-2 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[6-[(tetrahydro-2H-thiopyran-4-yl)amino]-3-pyridinyl]-1-
 naphthalenyl]- (9CI) (CA INDEX NAME)



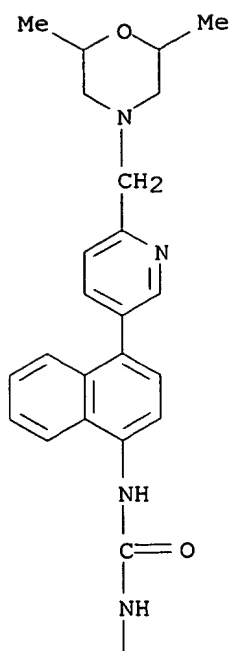
RN 294849-18-6 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-

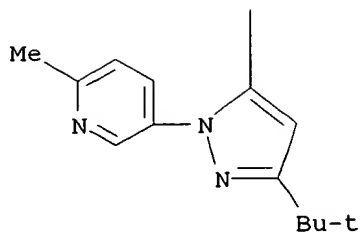
N'-[4-[6-[(2,6-dimethyl-4-morpholinyl)methyl]-3-pyridinyl]-1-naphthalenyl]-
(9CI) (CA INDEX NAME)

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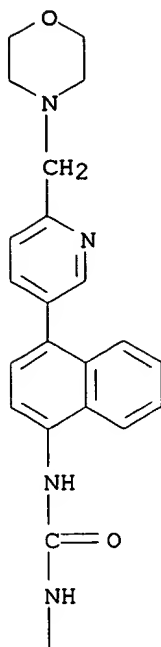
RN 294849-20-0 CAPLUS

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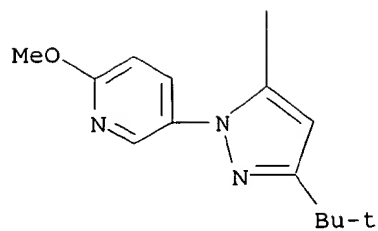
N-[3-(1,1-dimethylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]-
N'-[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA
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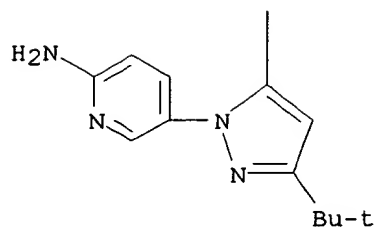
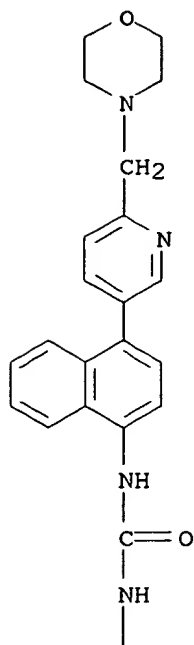
RN 294849-22-2 CAPLUS

CN Urea,

N-[1-(6-amino-3-pyridinyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-
[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA

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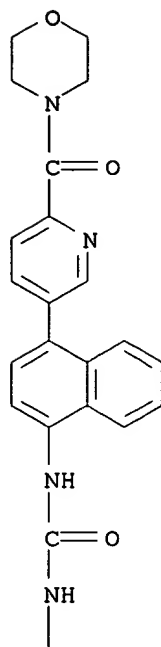


RN 294849-24-4 CAPLUS

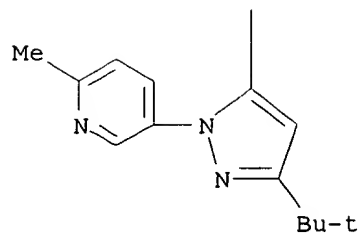
CN Morpholine,

4-[[5-[4-[[[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-naphthalenyl]-2-pyridinyl]carbonyl]-(9CI) (CA INDEX NAME)

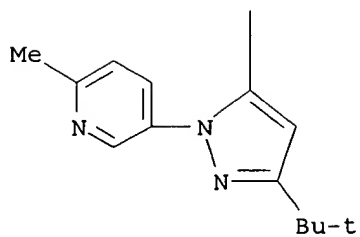
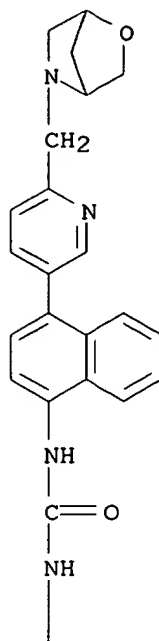
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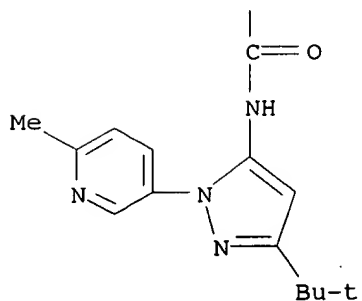
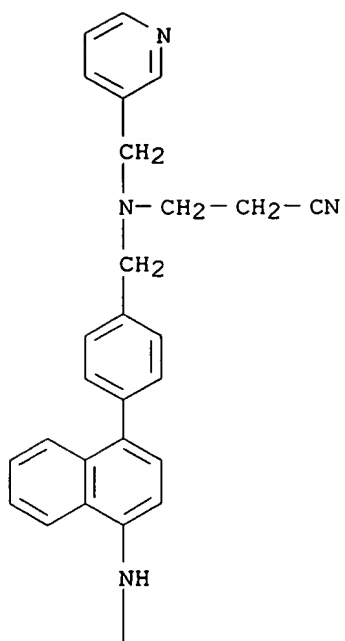
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RN 294849-26-6 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[6-(2-oxa-5-azabicyclo[2.2.1]hept-5-ylmethyl)-3-pyridinyl]-1-
 naphthalenyl]- (9CI) (CA INDEX NAME)



RN 294849-28-8 CAPLUS
 CN Urea, N-[4-[4-[[(2-cyanoethyl) (3-pyridinylmethyl) amino]methyl]phenyl]-1-naphthalenyl]-N'-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



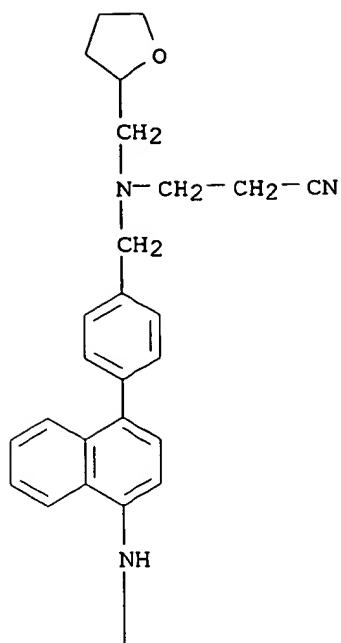
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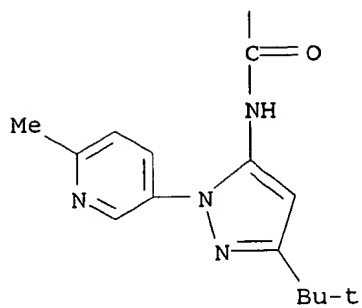
N-[4-[4-[(2-cyanoethyl)[(tetrahydro-2-furanyl)methyl]amino]methyl]p

henyl]-1-naphthalenyl]-N'-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-
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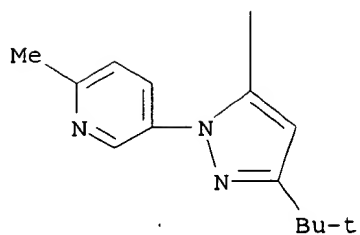
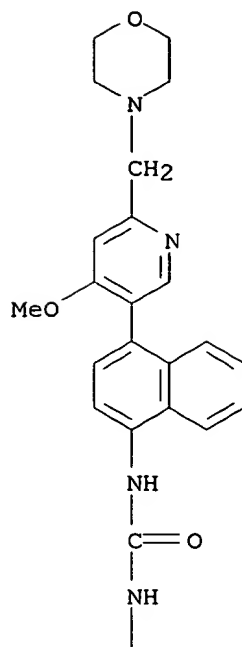
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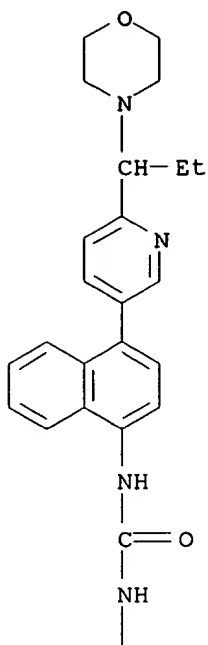
RN 294849-32-4 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[4-methoxy-6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]-
 (9CI) (CA INDEX NAME)



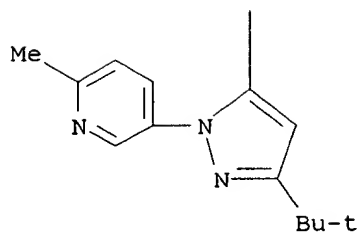
RN 294849-34-6 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
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 (CA INDEX NAME)

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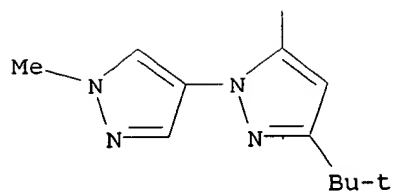
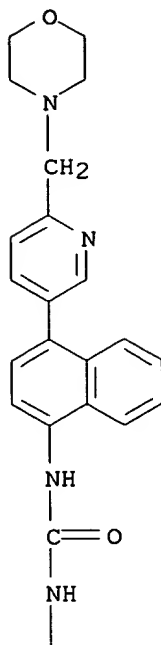
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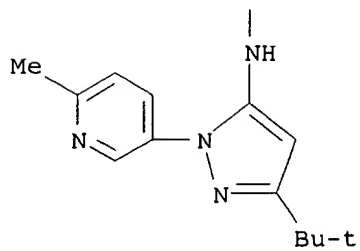
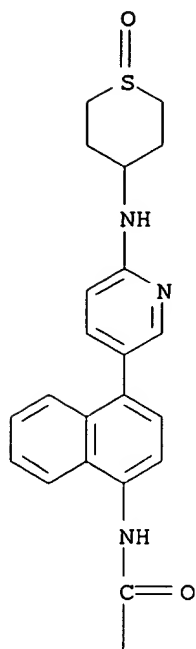
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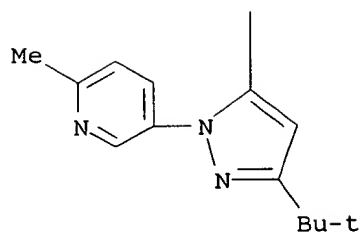
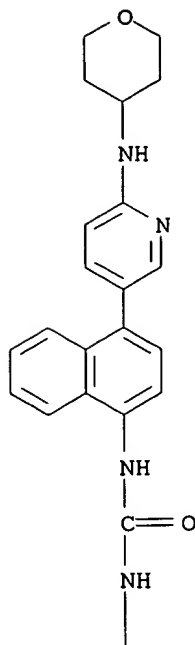
RN 294849-36-8 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1'-methyl[1,4'-bi-1H-pyrazol]-5-yl]-N'-[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 294849-38-0 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[6-[(tetrahydrotetrahydro-1-oxido-2H-thiopyran-4-yl)amino]-3-
 pyridinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



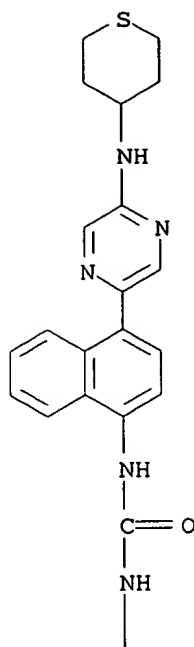
RN 294849-40-4 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[6-[(tetrahydro-2H-pyran-4-yl)amino]-3-pyridinyl]-1-naphthalenyl]-
 (9CI) (CA INDEX NAME)



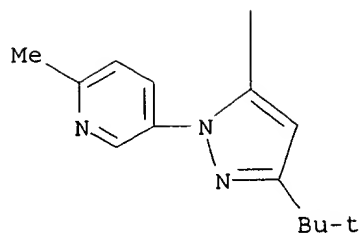
RN 294849-42-6 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-(4-[5-[(tetrahydro-2H-thiopyran-4-yl)amino]pyrazinyl]-1-naphthalenyl)-
 (9CI) (CA INDEX NAME)

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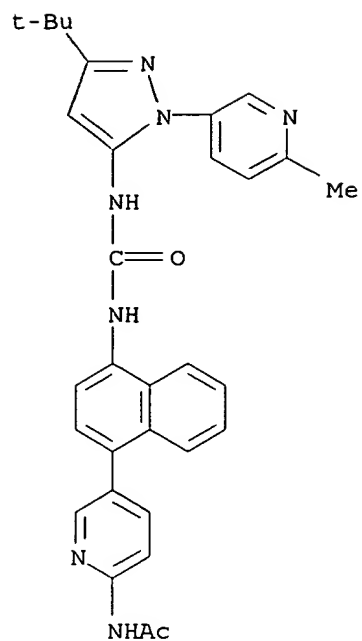


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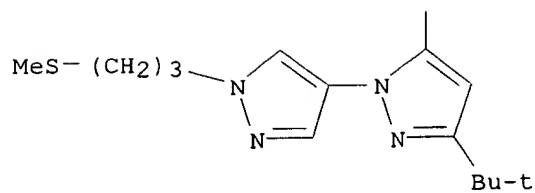
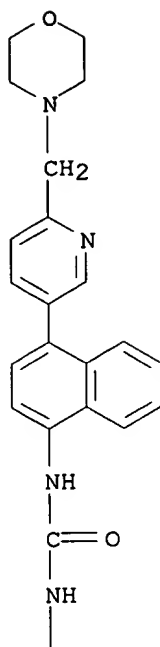
RN 294849-44-8 CAPLUS
CN Acetamide, N-[5-[4-[[[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-naphthalenyl]-2-pyridinyl]- (9CI)
(CA INDEX NAME)

09/472,232



RN 294849-46-0 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1'-[3-(methylthio)propyl][1,4'-bi-1H-pyrazol]-5-yl]-N'-[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]-(9CI) (CA INDEX NAME)

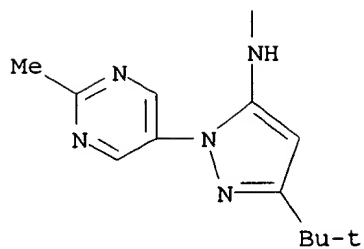
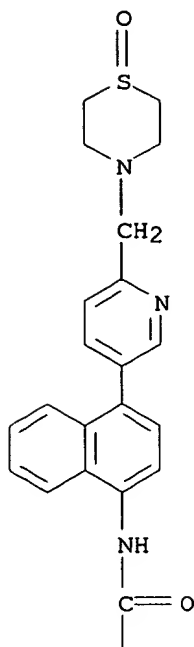


RN 294849-48-2 CAPLUS

CN Urea,

N-[3-(1,1-dimethylethyl)-1-(2-methyl-5-pyrimidinyl)-1H-pyrazol-5-yl]-

N'-[4-[6-[(1-oxido-4-thiomorpholinyl)methyl]-3-pyridinyl]-1-naphthalenyl]-
(9CI) (CA INDEX NAME)



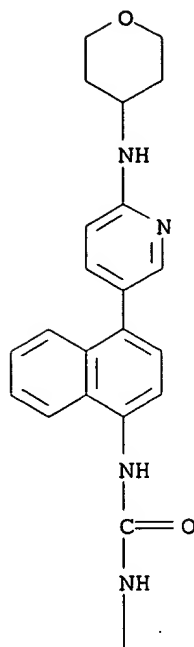
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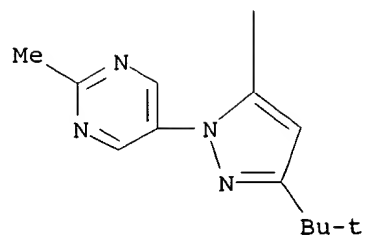
N-[3-(1,1-dimethylethyl)-1-(2-methyl-5-pyrimidinyl)-1H-pyrazol-5-yl]-
N'-[4-[6-[(tetrahydro-2H-pyran-4-yl)amino]-3-pyridinyl]-1-naphthalenyl]-
(9CI) (CA INDEX NAME)

09/472,232

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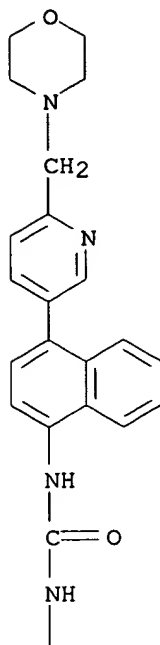
RN 294849-52-8 CAPLUS

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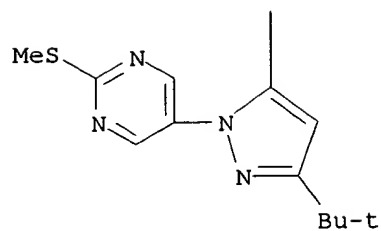
N-[3-(1,1-dimethylethyl)-1-[2-(methylthio)-5-pyrimidinyl]-1H-pyrazol-5-yl]-N'-[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI)
(CA INDEX NAME)

09/472,232

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PAGE 2-A



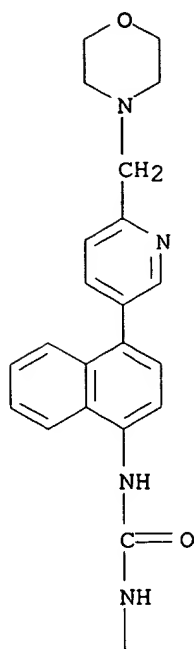
RN 294849-54-0 CAPLUS

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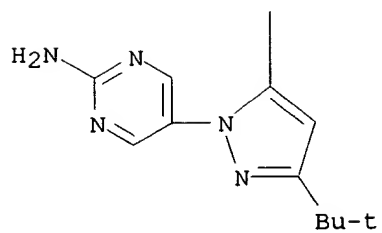
N-[1-(2-amino-5-pyrimidinyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-
N'-[4-[6-(4-morpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA
INDEX NAME)

09/472,232

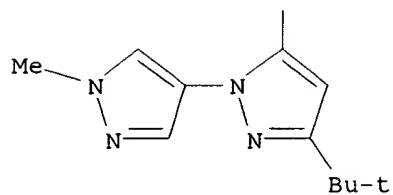
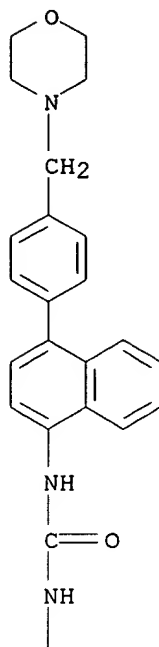
PAGE 1-A



PAGE 2-A

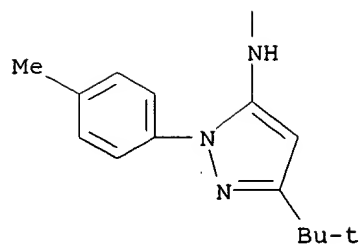
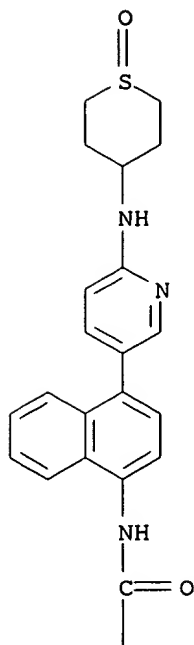


RN 294849-56-2 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1'-methyl[1,4'-bi-1H-pyrazol]-5-yl]-N'-[4-[4-(4-morpholinylmethyl)phenyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

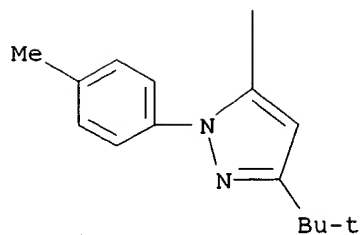
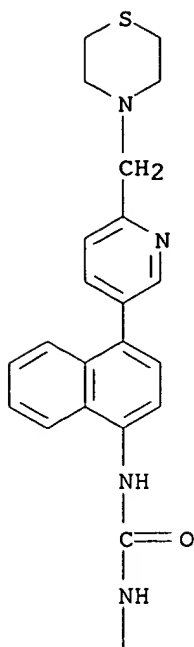


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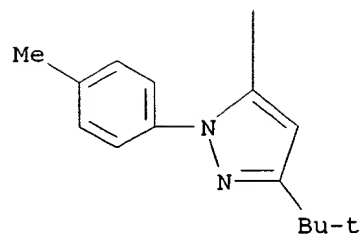
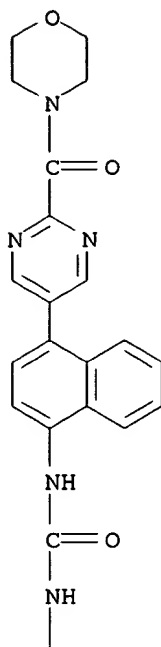
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[6-[(tetrahydrotetrahydro-1-oxido-2H-thiopyran-4-yl)amino]-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



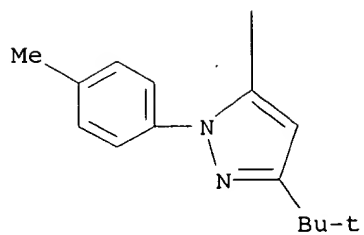
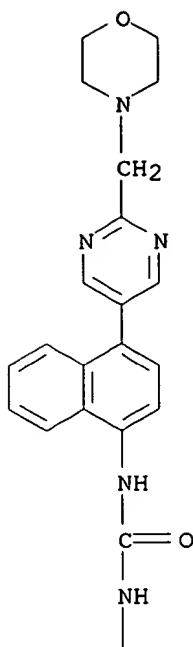
RN 294849-60-8 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[6-(4-thiomorpholinylmethyl)-3-pyridinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 294849-62-0 CAPLUS
 CN Morpholine, 4-[[5-[4-[[[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-naphthalenyl]-2-pyrimidinyl]carbonyl]-(9CI) (CA INDEX NAME)



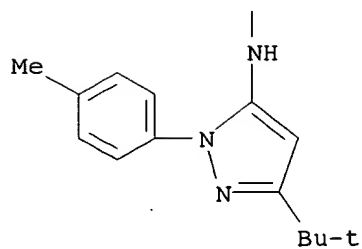
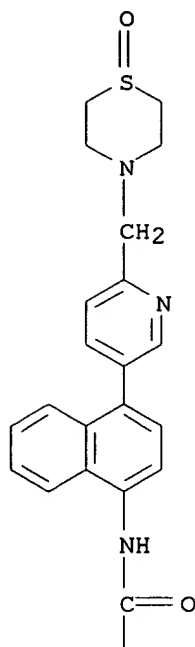
RN 294849-64-2 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinylmethyl)-5-pyrimidinyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 294849-66-4 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[6-[(1-oxido-4-thiomorpholinyl)methyl]-3-pyridinyl]-1-naphthalenyl]-
(9CI)

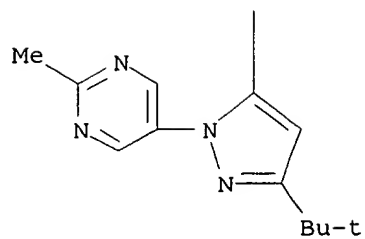
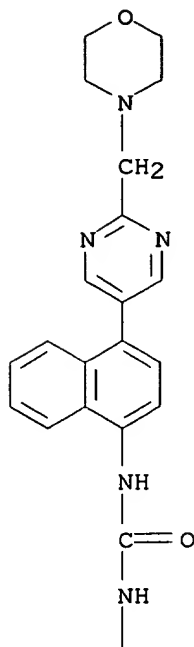
(CA INDEX NAME)



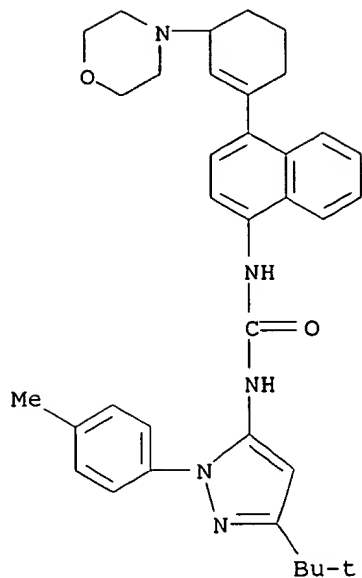
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CN Urea,

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N'-[4-[2-(4-morpholinylmethyl)-5-pyrimidinyl]-1-naphthalenyl]- (9CI) (CA
INDEX NAME)

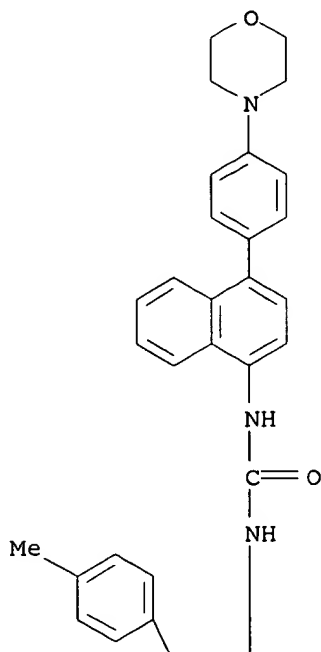


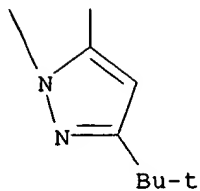
RN 294851-79-9 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-(4-[3-(4-morpholinyl)-1-cyclohexen-1-yl]-1-naphthalenyl)- (9CI) (CA INDEX NAME)



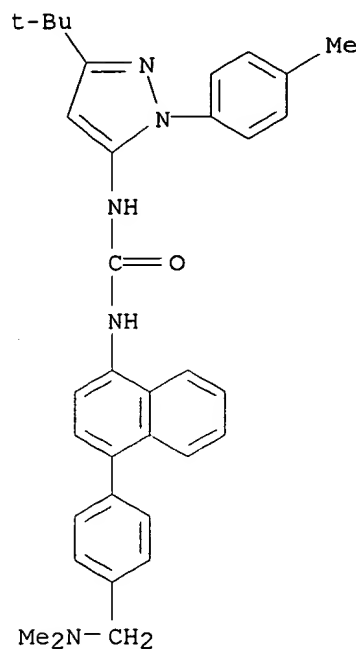
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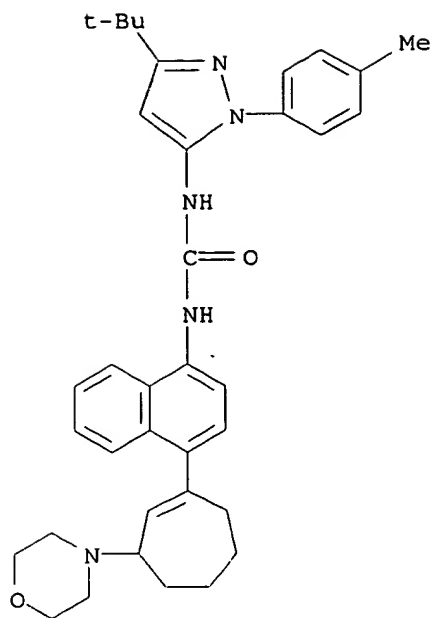




RN 294851-83-5 CAPLUS
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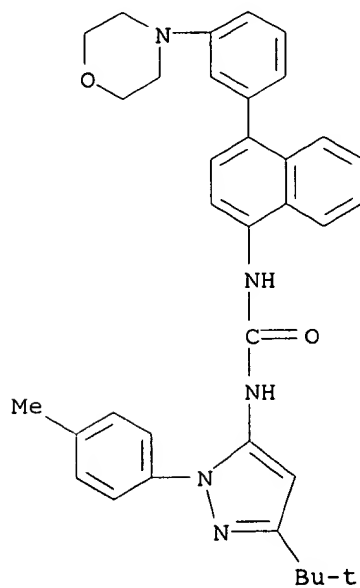


RN 294851-85-7 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[3-(4-morpholinyl)-1-cyclohepten-1-yl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 294853-11-5 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[3-(4-morpholinyl)phenyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



L6 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 2000:619239 CAPLUS

DN 133:344173

TI 1-Phenyl-5-pyrazolyl ureas: potent and selective p38 kinase inhibitors

AU Dumas, J.; Hatoum-Mokdad, H.; Sibley, R.; Riedl, B.; Scott, W. J.;
Monahan, M. K.; Lowinger, T. B.; Brennan, C.; Natero, R.; Turner, T.;
Johnson, J. S.; Schoenleber, R.; Bhargava, A.; Wilhelm, S. M.; Housley,

T.

J.; Ranges, G. E.; Shrikhande, A.

CS Department of Chemistry Research, Bayer Research Center, West Haven, CT,
06516, USA

SO Bioorg. Med. Chem. Lett. (2000), 10(18), 2051-2054

CODEN: BMCLE8; ISSN: 0960-894X

PB Elsevier Science Ltd.

DT Journal

LA English

AB Inhibitors of the MAP kinase p38 are potentially useful for the treatment
of arthritis and osteoporosis. Several 2,3-dichlorophenyl ureas were
identified as small-mol. inhibitors of p38 by a combinatorial chem.
effort. Optimization for cellular potency led to the discovery of a new
class of potent and selective p38 kinase inhibitors, exemplified by the
1-phenyl-5-pyrazolyl urea 7 (IC₅₀=13 nM).

IT 227622-85-7P 227622-87-9P 227622-88-0P

227622-90-4P 227622-91-5P 227622-92-6P

227622-93-7P 227622-94-8P 227622-95-9P

227622-96-0P 227622-97-1P 227622-98-2P

227623-25-8P 306818-00-8P

RL: BAC (Biological activity or effector, except adverse); PRP

(Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP

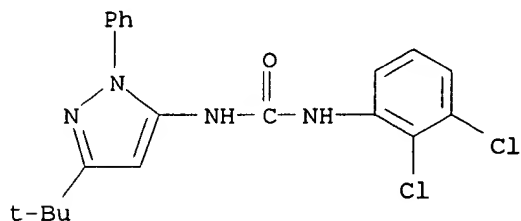
(Preparation)

(1-Phenyl-5-pyrazolyl ureas: prepn. and inhibition of p38 kinase in
relation to structure)

RN 227622-85-7 CAPLUS

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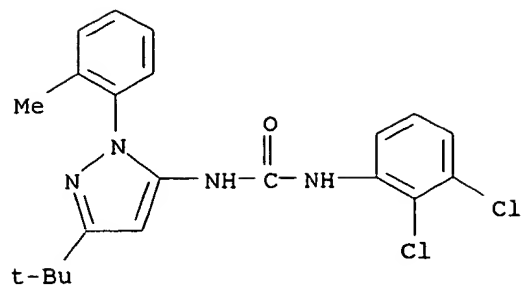
N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-phenyl-1H-pyrazol-
5-yl]- (9CI) (CA INDEX NAME)



RN 227622-87-9 CAPLUS

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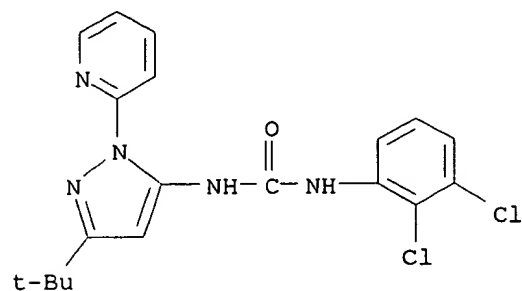
N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(2-methylphenyl)-
1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-88-0 CAPLUS

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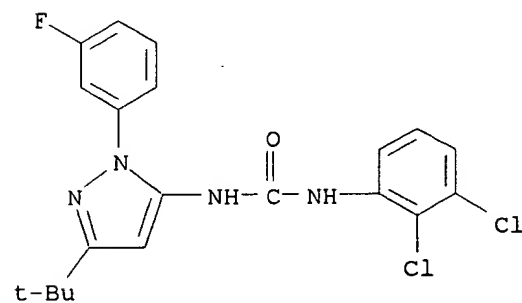
N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(2-pyridinyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



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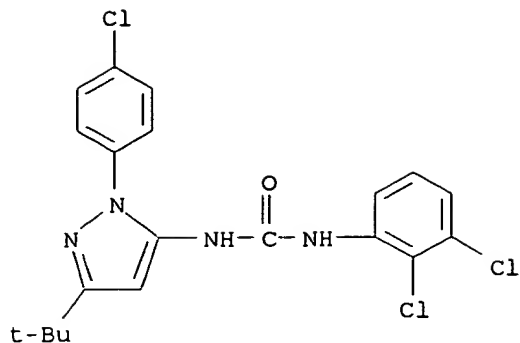
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RN 227622-91-5 CAPLUS

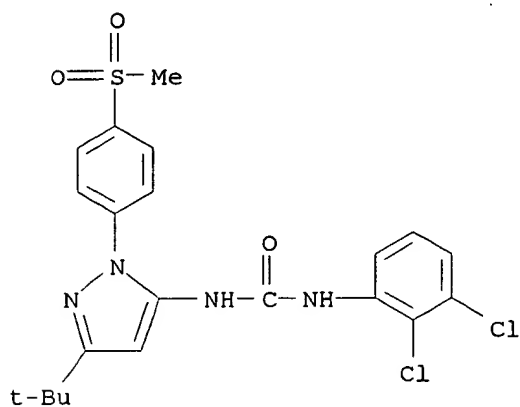
CN Urea,

N-[1-(4-chlorophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-(2,3-dichlorophenyl)- (9CI) (CA INDEX NAME)



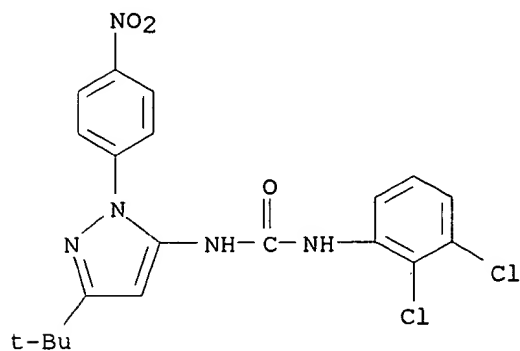
RN 227622-92-6 CAPLUS

CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-[4-(methylsulfonyl)phenyl]-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-93-7 CAPLUS

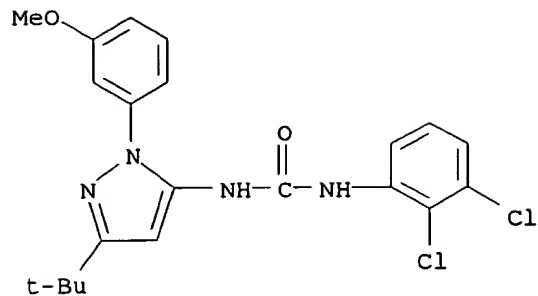
CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(4-nitrophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-94-8 CAPLUS

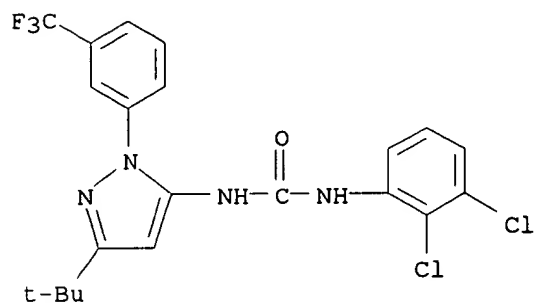
CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(3-methoxyphenyl)-

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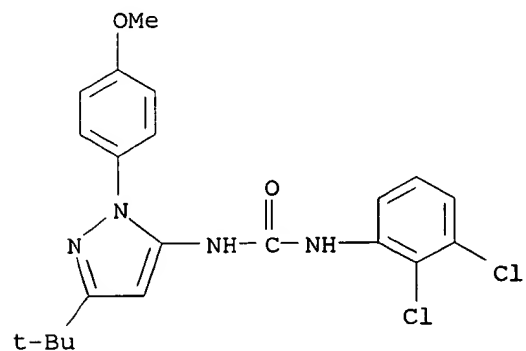


RN 227622-95-9 CAPLUS

CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-[3-(trifluoromethyl)phenyl]-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-96-0 CAPLUS

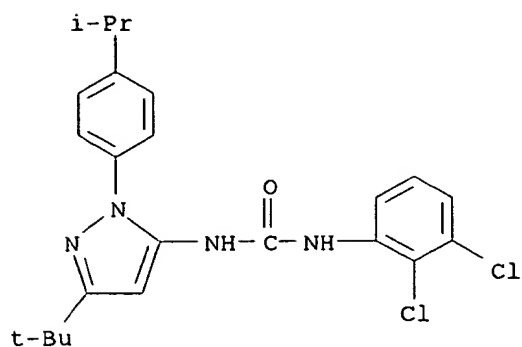
CN Urea,
N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(4-methoxyphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

RN 227622-97-1 CAPLUS

CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-[4-(1-

09/472,232

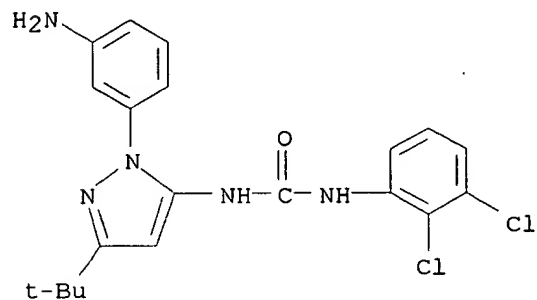
methylethyl)phenyl]-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-98-2 CAPLUS

CN Urea,

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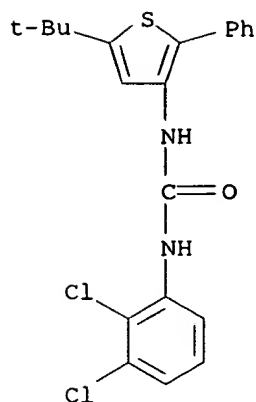


RN 227623-25-8 CAPLUS

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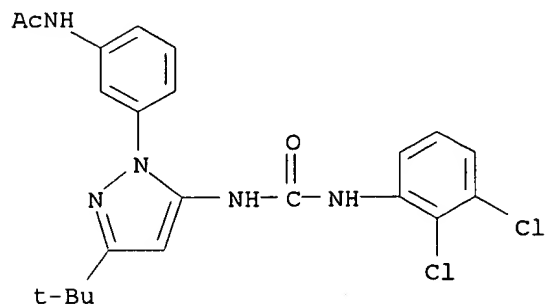
N-(2,3-dichlorophenyl)-N'-[5-(1,1-dimethylethyl)-2-phenyl-3-thienyl]- (9CI) (CA INDEX NAME)

09/472,232



RN 306818-00-8 CAPLUS

CN Acetamide, N-[3-[5-[[[(2,3-dichlorophenyl)amino]carbonyl]amino]-3-(1,1-dimethylethyl)-1H-pyrazol-1-yl]phenyl]- (9CI) (CA INDEX NAME)

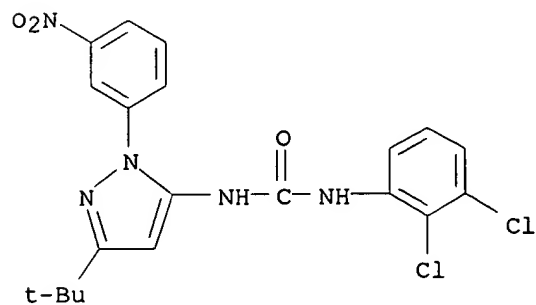


IT 227622-99-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(1-Phenyl-5-pyrazolyl ureas: prepn. and inhibition of p38 kinase in relation to structure)

RN 227622-99-3 CAPLUS

CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(3-nitrophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RE.CNT 10

RE

- (2) Badger, A; J Pharm Exper Ther 1996, V279, P1453 CAPLUS
 - (4) Dumas, J; PCT Int Appl SO 9932111 CAPLUS
 - (5) Dumas, J; PCT Int Appl WO 9932110 CAPLUS
 - (6) Gallagher, T; Bioorg Med Chem Lett 1995, V5, P1171 CAPLUS
 - (7) Han, J; Science 1994, V265, P808 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:513688 CAPLUS
 DN 133:120325
 TI Preparation of aromatic heterocyclic ureas as antiinflammatory agents
 IN Cirillo, Pier F.; Gilmore, Thomas A.; Hickey, Eugene R.; Regan, John R.;
 Zhang, Lin-Hua
 PA Boehringer Ingelheim Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 96 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000043384	A1	20000727	WO 1999-US29165	19991209
	W: AE, AU, BG, BR, BY, CA, CN, CZ, EE, HR, HU, ID, IL, IN, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, UZ, VN, YU, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

PRAI US 1999-116400 19990119

OS MARPAT 133:120325

AB The title compds. [I; Ar1 = (un)substituted pyrrole, pyrrolidine, pyrazole, etc.; Ar2 = (un)substituted Ph, naphthyl, quinoline, etc.; L = (un)satd. (un)substituted carbon chain wherein one or more methylene groups are optionally replaced by O, N, or S; Q = (un)substituted Ph, naphthyl, pyridinyl, etc.], useful in pharmaceutic compns. for treating diseases or pathol. conditions involving inflammation such as chronic inflammatory diseases, were prepd. E.g., a multi-step synthesis of the urea II was given. Representative compds. I were evaluated and showed IC50 of < 10 .mu.M against TNF prodn. in THP cells.

IT 285983-80-4P

RL: BAC (Biological activity or effector, except adverse); RCT

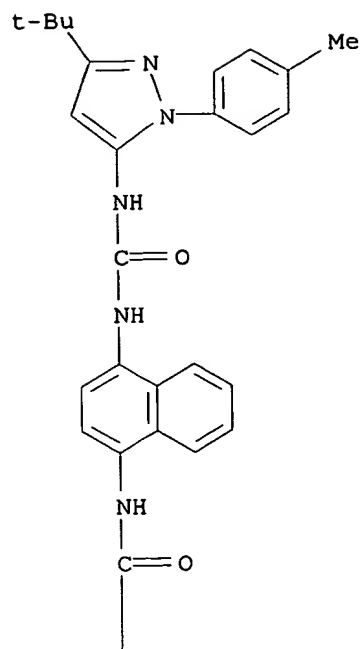
(Reactant);

SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of arom. heterocyclic ureas as antiinflammatory agents)

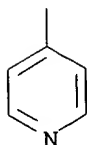
RN 285983-80-4 CAPLUS

CN 4-Pyridinecarboxamide, N-[4-[[[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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285983-44-0P 285983-45-1P 285983-46-2P
285983-47-3P 285983-48-4P 285983-49-5P
285983-50-8P 285983-51-9P 285983-52-0P
285983-53-1P 285983-54-2P 285983-55-3P
285983-56-4P 285983-57-5P 285983-58-6P
285983-59-7P 285983-60-0P 285983-61-1P
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285983-74-6P 285983-75-7P 285983-76-8P
285983-77-9P 285983-78-0P 285983-79-1P
285983-81-5P 285983-82-6P 285983-83-7P
285983-84-8P 285983-87-1P 285983-88-2P
285983-89-3P 285983-90-6P 285983-91-7P
285983-92-8P 285983-93-9P 285983-94-0P
285983-95-1P 285983-96-2P 285983-97-3P
285983-98-4P 285984-00-1P 285984-01-2P

285984-02-3P 285984-03-4P 285984-04-5P
 285984-05-6P 285984-06-7P 285984-07-8P
 285984-08-9P 285984-09-0P 285984-10-3P
 285984-11-4P 285984-12-5P 285984-13-6P
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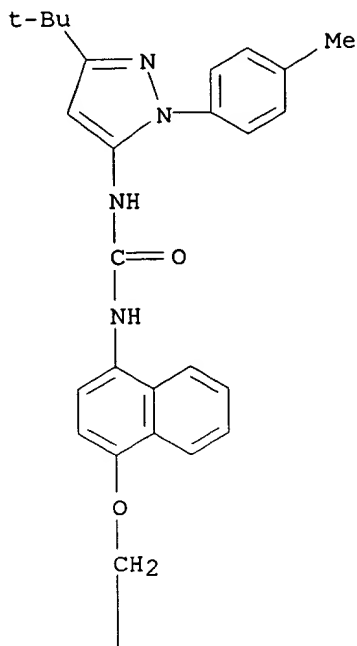
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of arom. heterocyclic ureas as antiinflammatory agents)

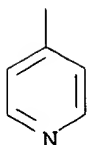
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CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethoxy)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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RN 285983-42-8 CAPLUS

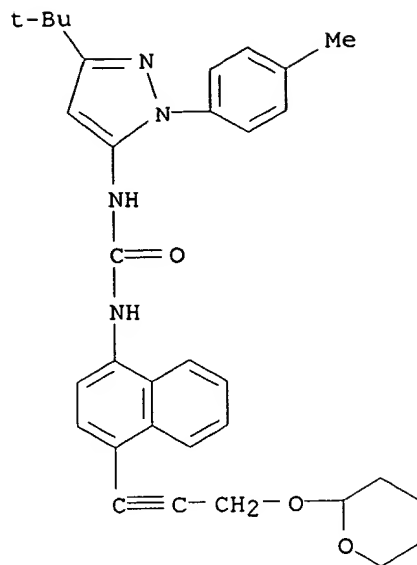
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(CA

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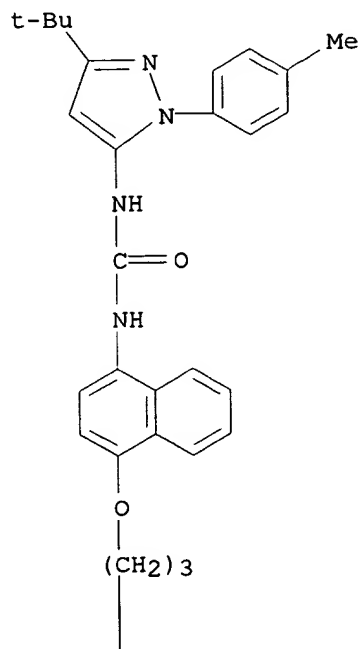
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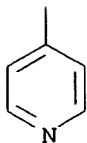


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CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[3-(4-pyridinyl)propoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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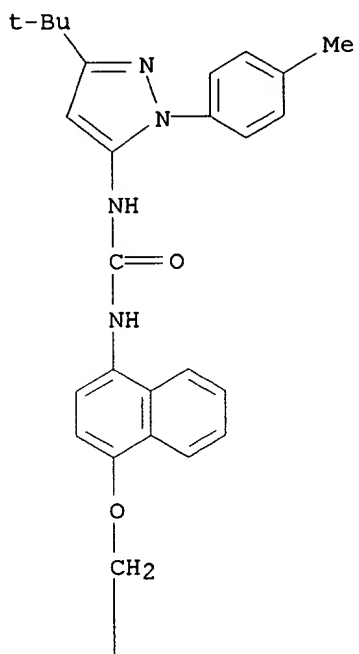


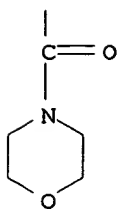
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CN Morpholine,

4-[[[4-[[[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-naphthalenyl]oxy]acetyl]- (9CI) (CA INDEX NAME)

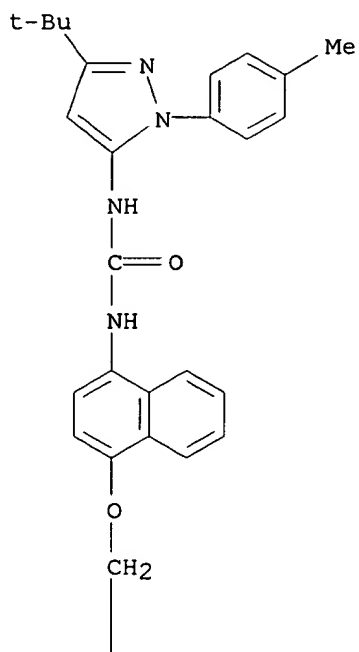
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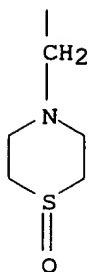
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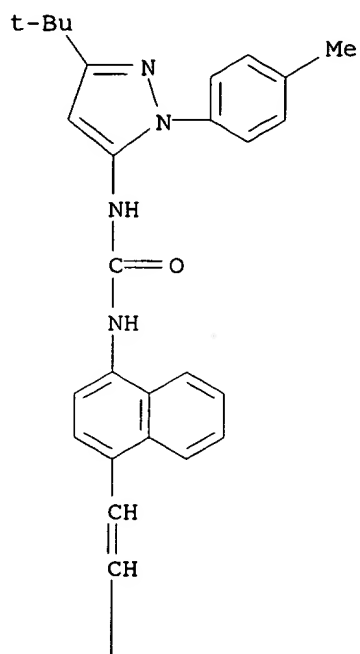
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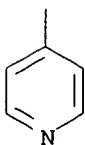


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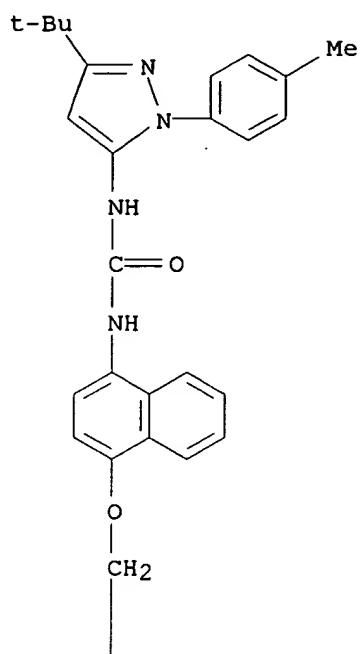


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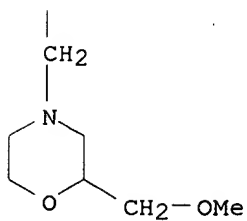


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 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-[2-(methoxymethyl)-4-morpholinyl]ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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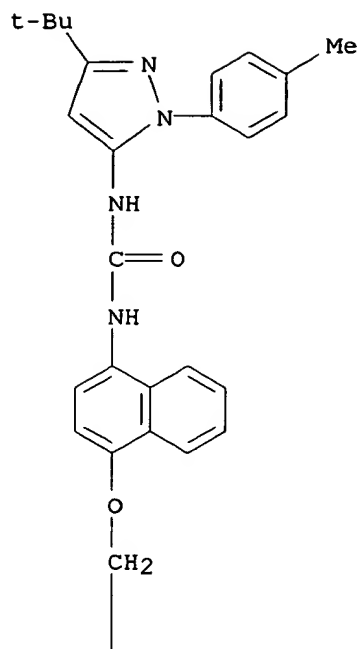


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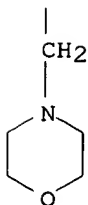


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 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

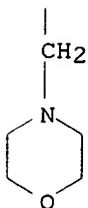
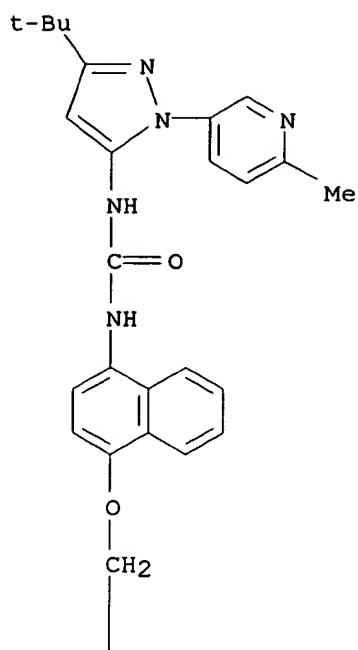
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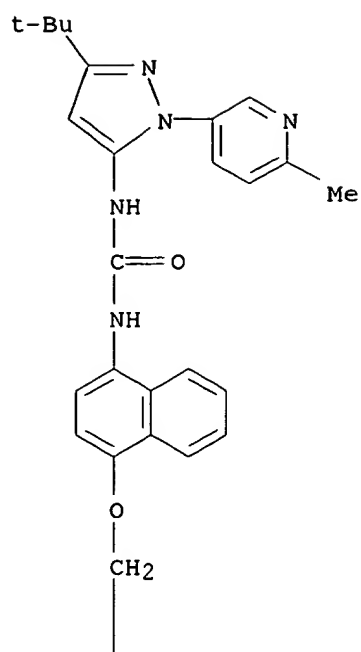
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 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



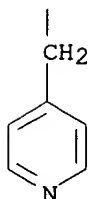
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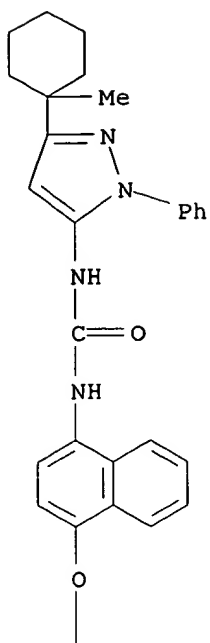


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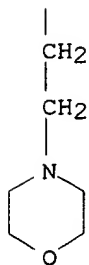


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CN Urea, N-[3-(1-methylcyclohexyl)-1-phenyl-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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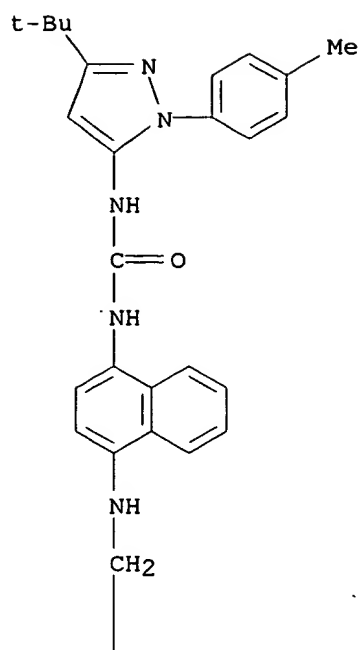
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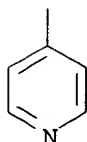
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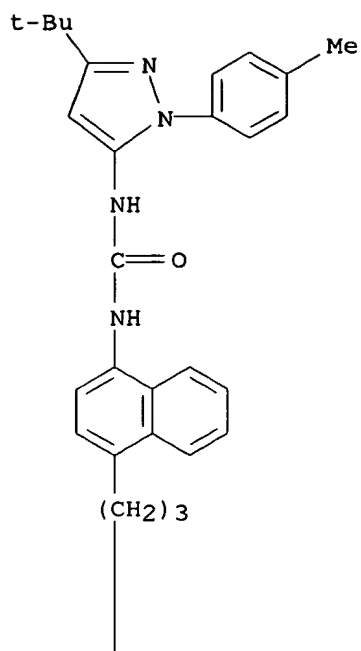


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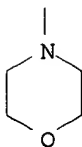


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CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[3-(4-morpholinyl)propyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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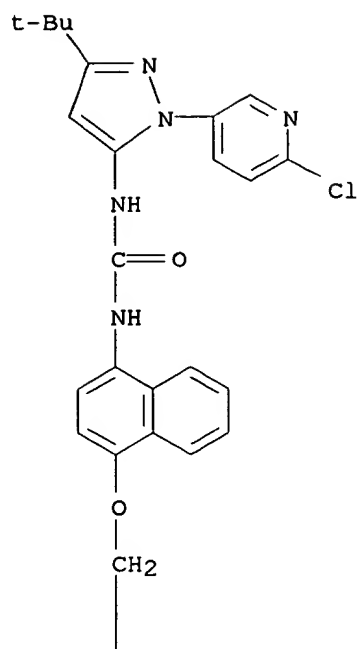


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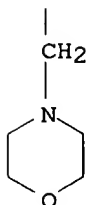


RN 285983-54-2 CAPLUS
 CN Urea, N-[1-(6-chloro-3-pyridinyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-
 N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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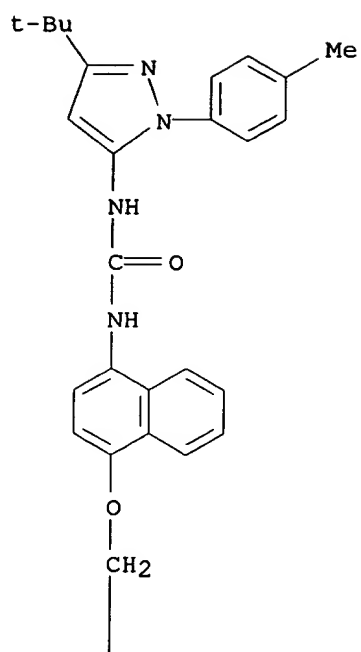
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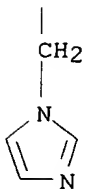
RN 285983-55-3 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(1H-imidazol-1-yl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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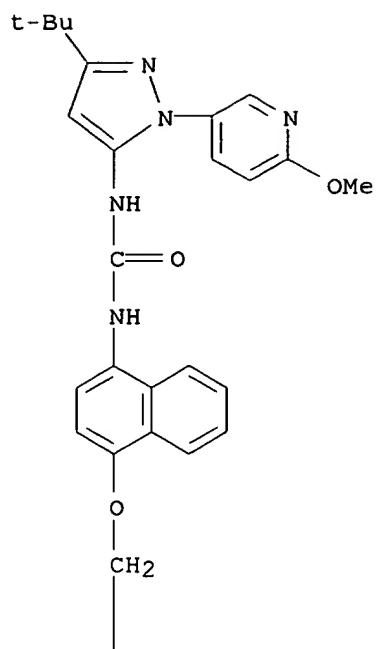
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CN Urea,

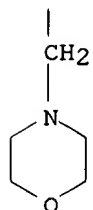
N-[3-(1,1-dimethylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]-
N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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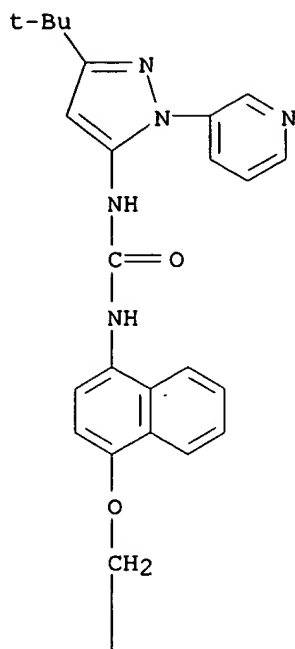
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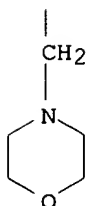
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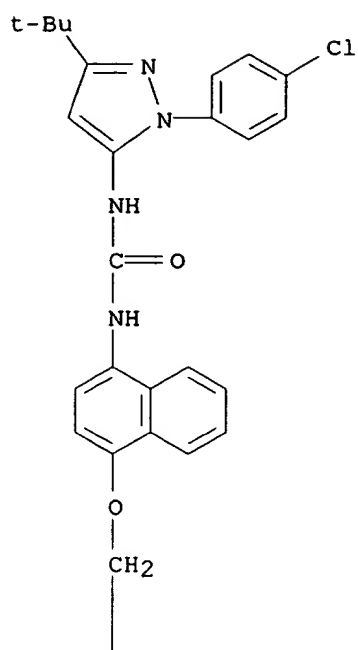
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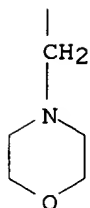
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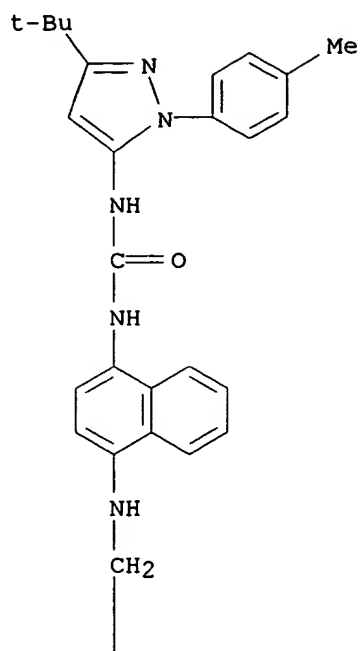
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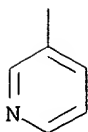
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CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-
[(3-pyridinylmethyl)amino]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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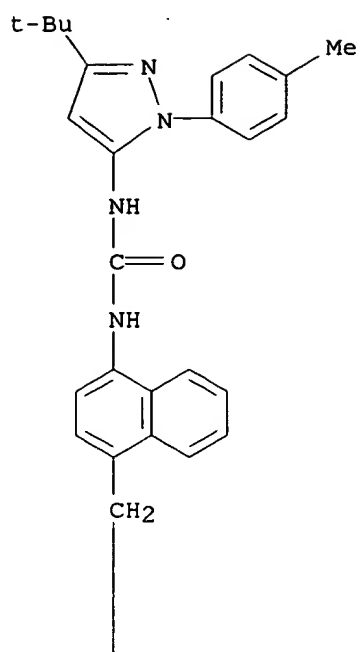
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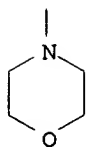
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CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-(4-morpholinylmethyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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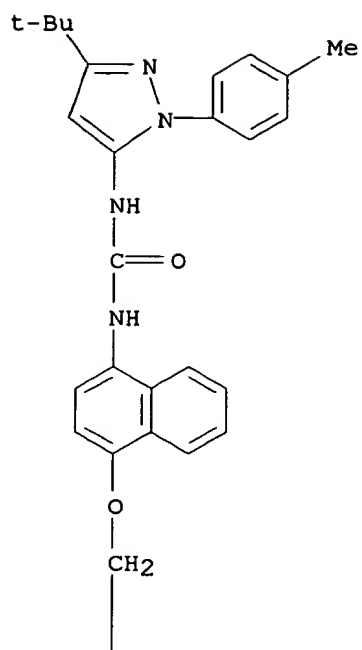
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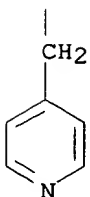
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CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-pyridinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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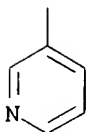
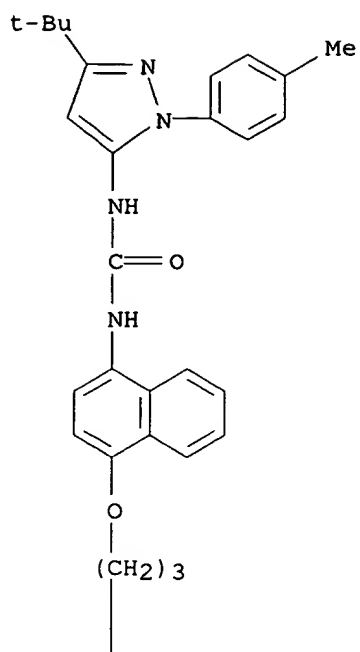
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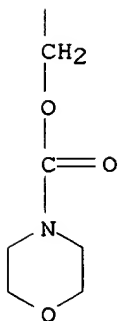
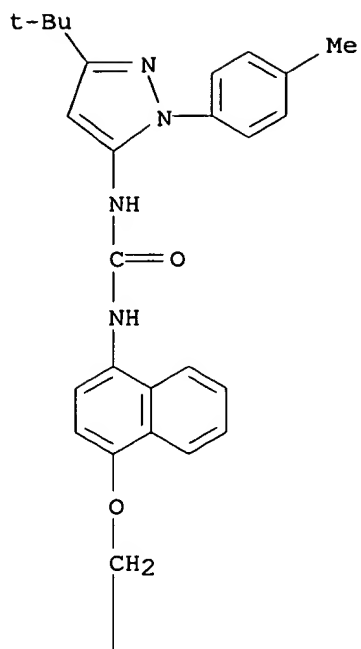
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RN 285983-62-2 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[3-(3-pyridinyl)propoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 285983-63-3 CAPLUS
 CN 4-Morpholinecarboxylic acid, 2-[[[4-[[[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]amino]carbonyl]amino]-1-naphthalenyl]oxy]ethyl ester (9CI) (CA INDEX NAME)

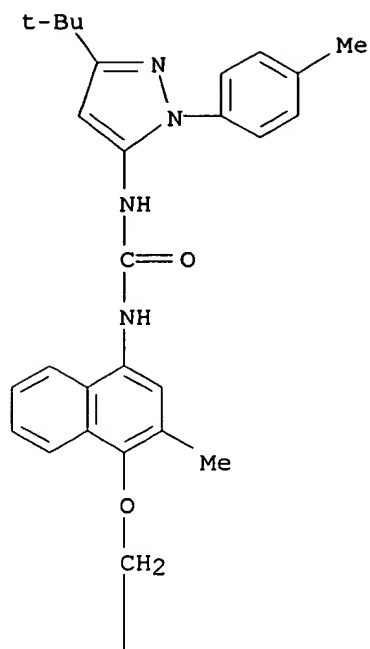


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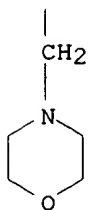
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[3-methyl-4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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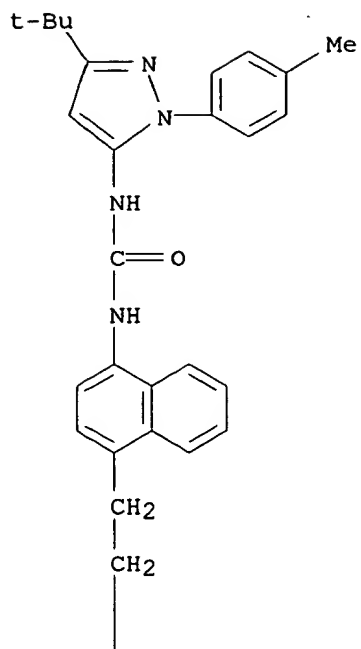
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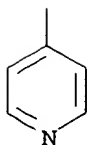
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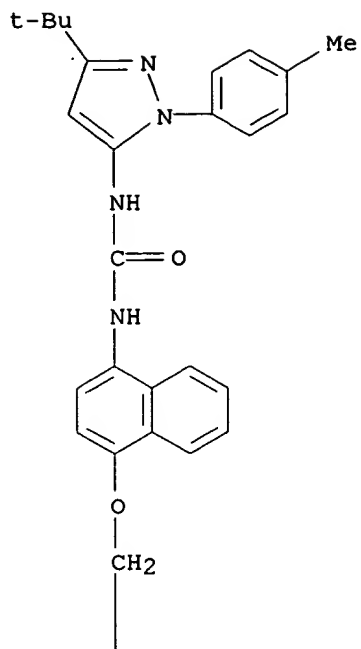
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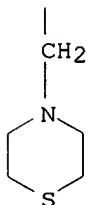
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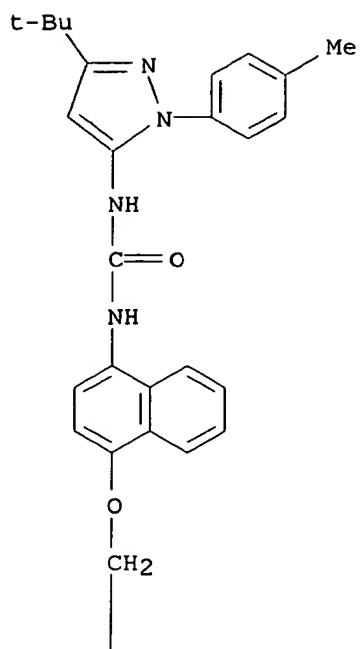
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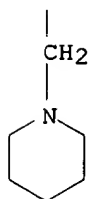
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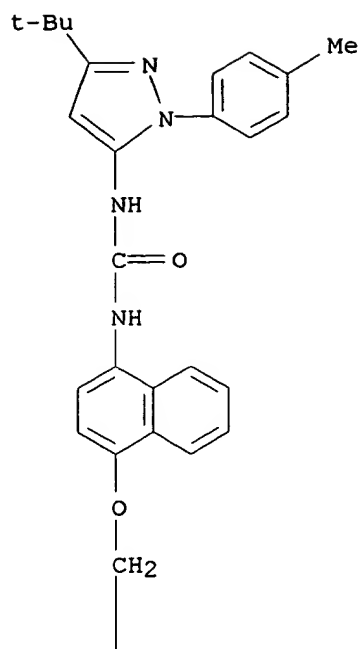
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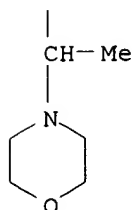
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CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)propoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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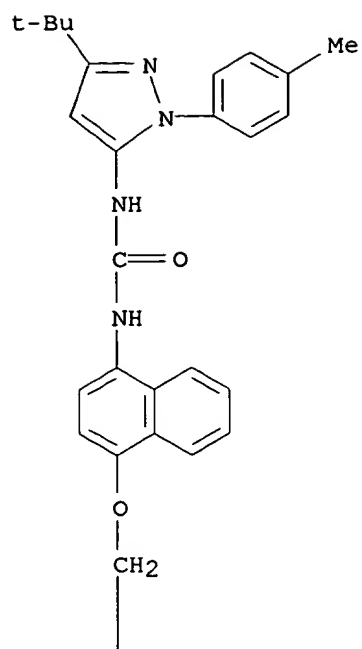
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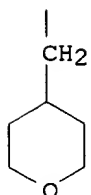
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CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(tetrahydro-2H-pyran-4-yl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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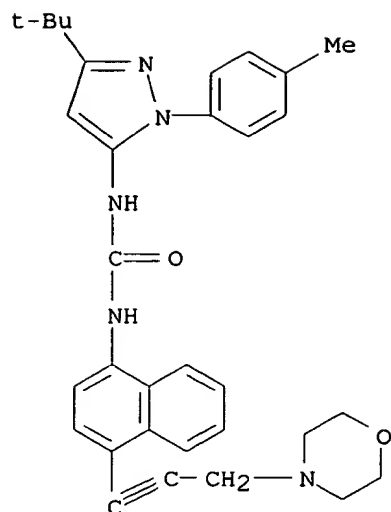
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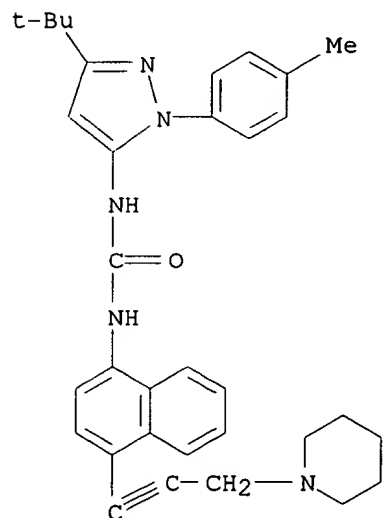


RN 285983-76-8 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[3-(4-morpholinyl)-1-propynyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 285983-77-9 CAPLUS

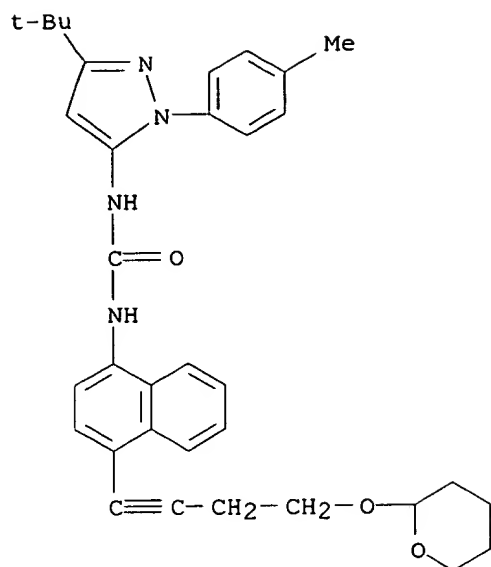
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[3-(1-piperidiny)-1-propynyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 285983-78-0 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[4-[(tetrahydro-2H-pyran-2-yl)oxy]-1-butynyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

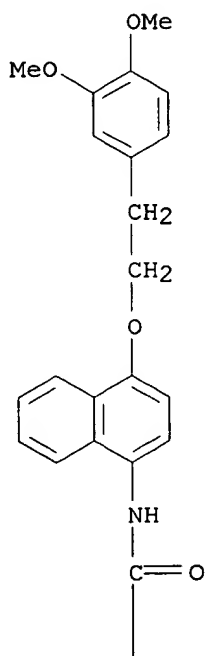
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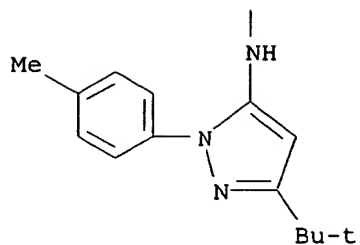
RN 285983-79-1 CAPLUS

CN Urea, N-[4-[2-(3,4-dimethoxyphenyl)ethoxy]-1-naphthalenyl]-N'-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

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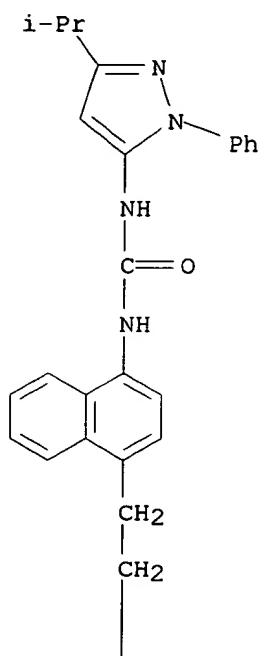


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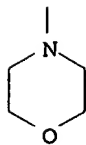
RN 285983-81-5 CAPLUS
 CN Urea, N-[3-(1-methylethyl)-1-phenyl-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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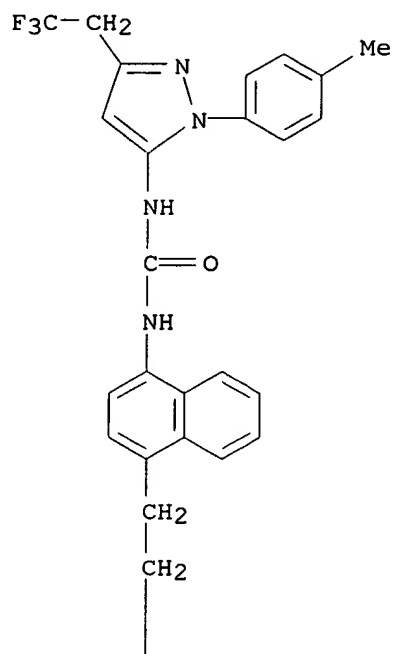
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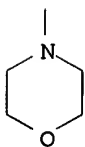


RN 285983-82-6 CAPLUS
CN Urea, N-[1-(4-methylphenyl)-3-(2,2,2-trifluoroethyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethyl]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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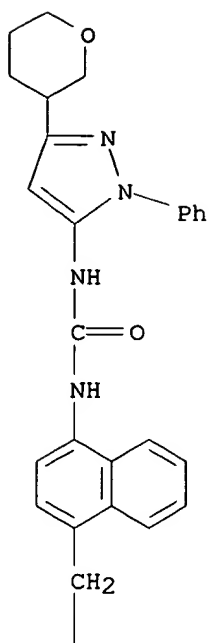
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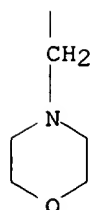
RN 285983-83-7 CAPLUS
CN Urea, N-[4-[2-(4-morpholinyl)ethyl]-1-naphthalenyl]-N'-[1-phenyl-3-(tetrahydro-2H-pyran-3-yl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

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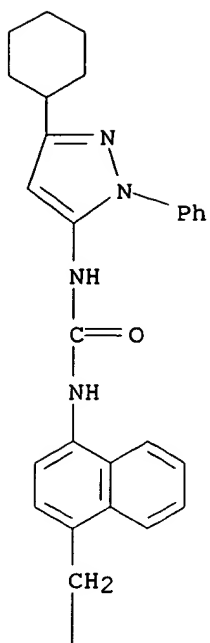


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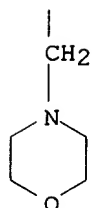


RN 285983-84-8 CAPLUS
CN Urea, N-(3-cyclohexyl-1-phenyl-1H-pyrazol-5-yl)-N'-[4-{2-(4-morpholinyl)ethyl}-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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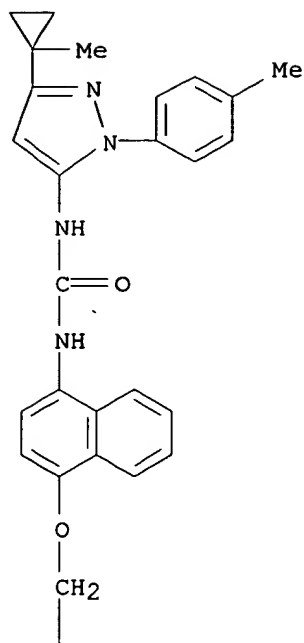


RN 285983-87-1 CAPLUS

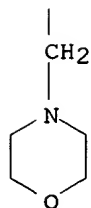
CN Urea,

N-[3-(1-methylcyclopropyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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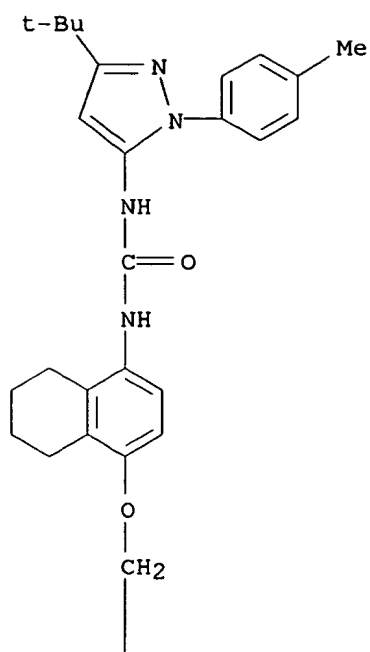


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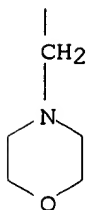


RN 285983-88-2 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[5,6,7,8-tetrahydro-4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI)
 (CA INDEX NAME)

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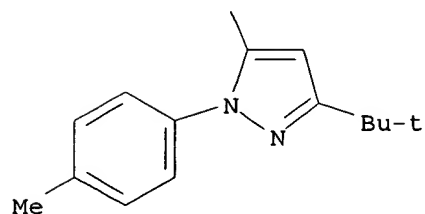
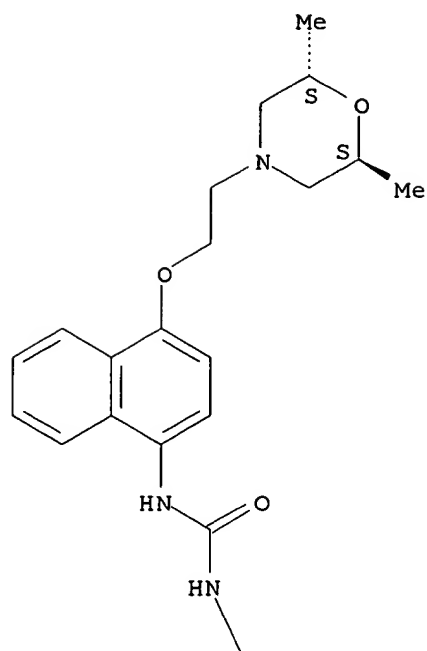
PAGE 2-A



RN 285983-89-3 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-[(2R,6R)-2,6-dimethyl-4-morpholinyl]ethoxy]-1-naphthalenyl]-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.



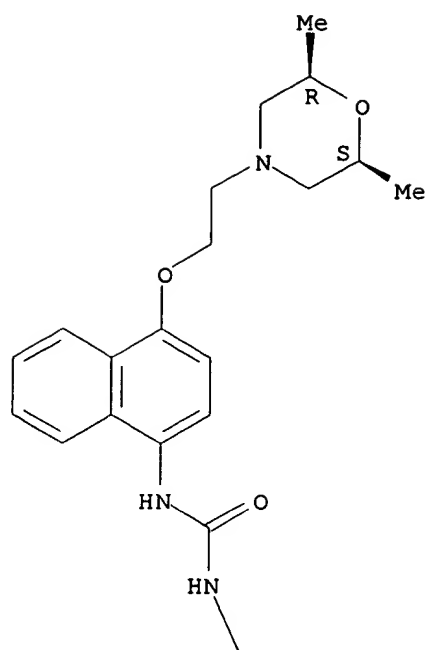
RN 285983-90-6 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-[(2R,6S)-2,6-dimethyl-4-morpholinyl]ethoxy]-1-naphthalenyl]-, rel-(9CI) (CA INDEX NAME)

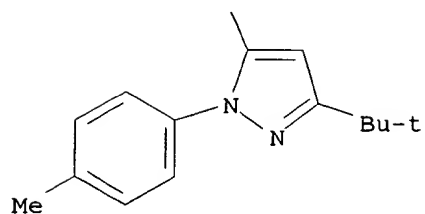
Relative stereochemistry.

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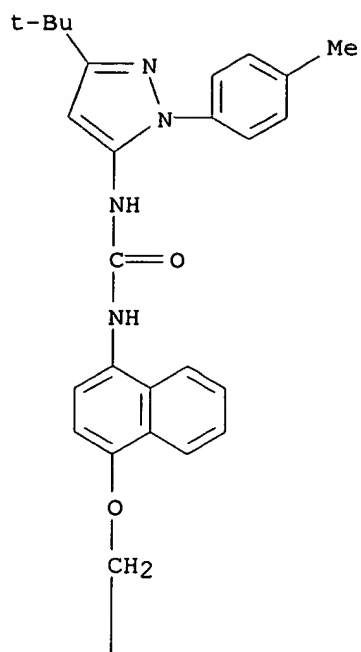


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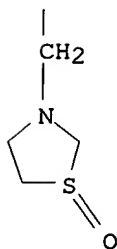


RN 285983-91-7 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(1-oxido-3-thiazolidinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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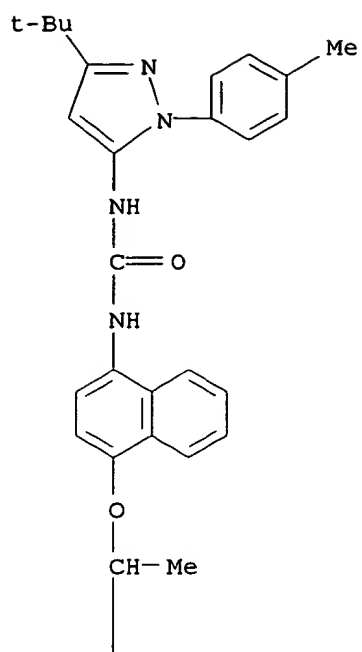


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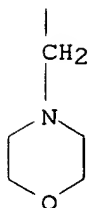


RN 285983-92-8 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[1-methyl-2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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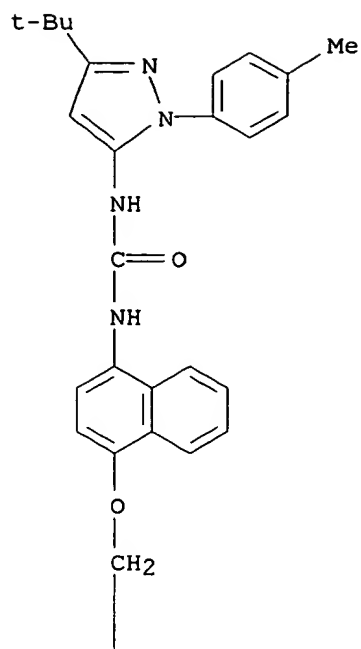


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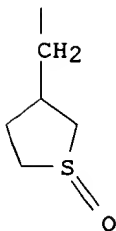


RN 285983-93-9 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(tetrahydro-1-oxido-3-thienyl)ethoxy]-1-naphthalenyl]- (9CI) (CA
 INDEX
 NAME)

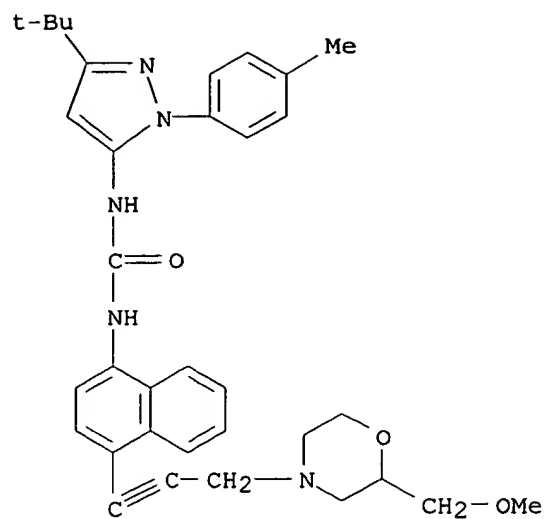
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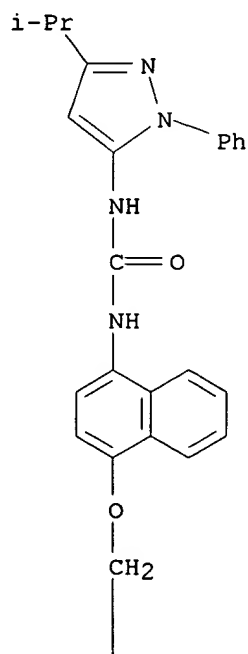


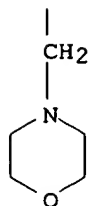
RN 285983-94-0 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[3-[2-(methoxymethyl)-4-morpholinyl]-1-propynyl]-1-naphthalenyl]- (9CI)
 (CA INDEX NAME)



RN 285983-95-1 CAPLUS
 CN Urea, N-[3-(1-methylethyl)-1-phenyl-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

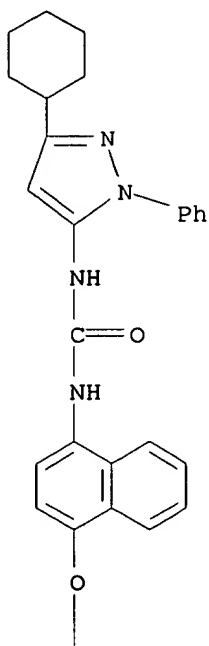
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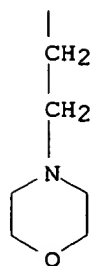


RN 285983-96-2 CAPLUS

CN Urea, N-(3-cyclohexyl-1-phenyl-1H-pyrazol-5-yl)-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



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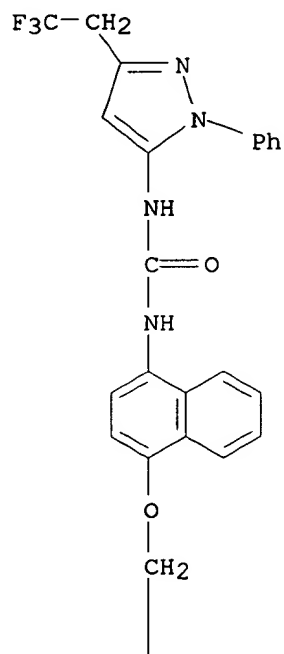


RN 285983-97-3 CAPLUS

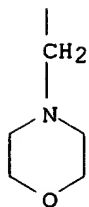
CN Urea,

N-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]-N'-[1-phenyl-3-(2,2,2-trifluoroethyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

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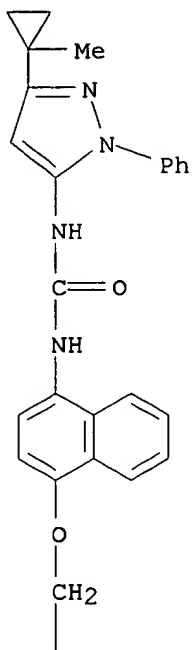
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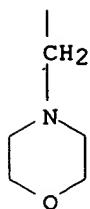
RN 285983-98-4 CAPLUS

CN Urea, N-[3-(1-methylcyclopropyl)-1-phenyl-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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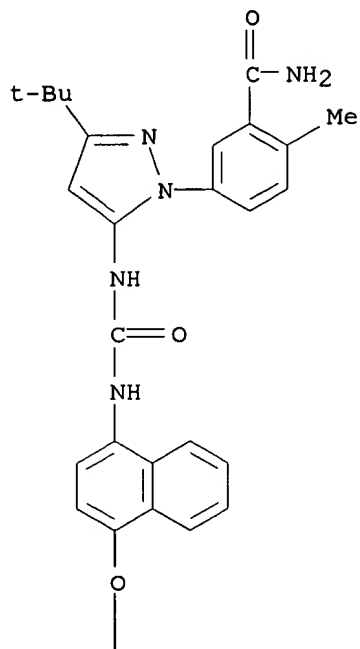
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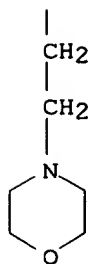
RN 285984-00-1 CAPLUS

CN Benzamide, 5-[3-(1,1-dimethylethyl)-5-[[[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]amino]carbonyl]amino]-1H-pyrazol-1-yl]-2-methyl- (9CI) (CA INDEX NAME)

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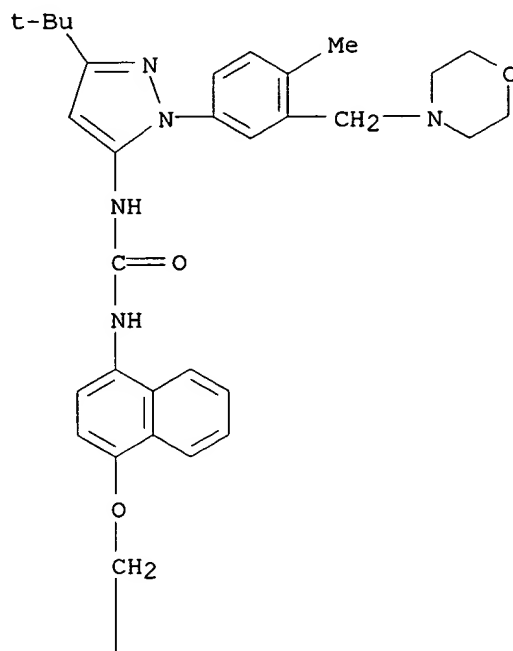


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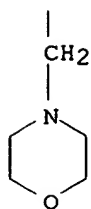
CN Urea,

N-[3-(1,1-dimethylethyl)-1-[4-methyl-3-(4-morpholinylmethyl)phenyl]-
 1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI)
 (CA INDEX NAME)

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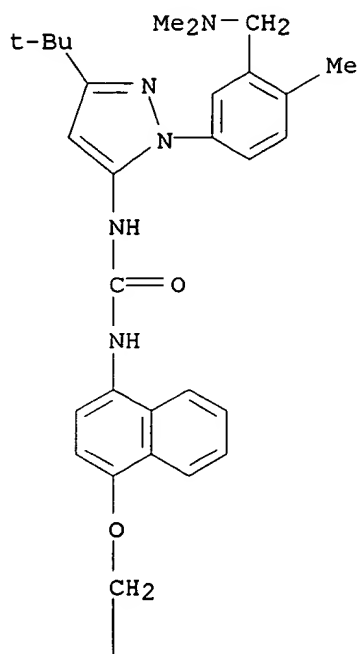


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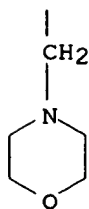


RN 285984-02-3 CAPLUS
 CN Urea, N-[1-[3-[(dimethylamino)methyl]-4-methylphenyl]-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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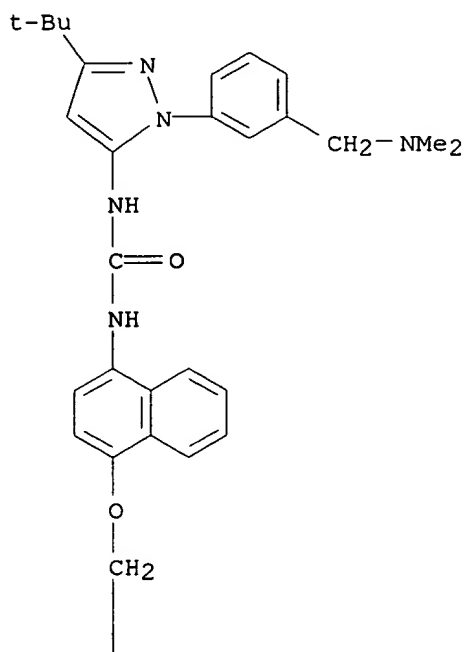
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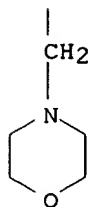


RN 285984-03-4 CAPLUS

CN Urea, N-[1-[3-[(dimethylamino)methyl]phenyl]-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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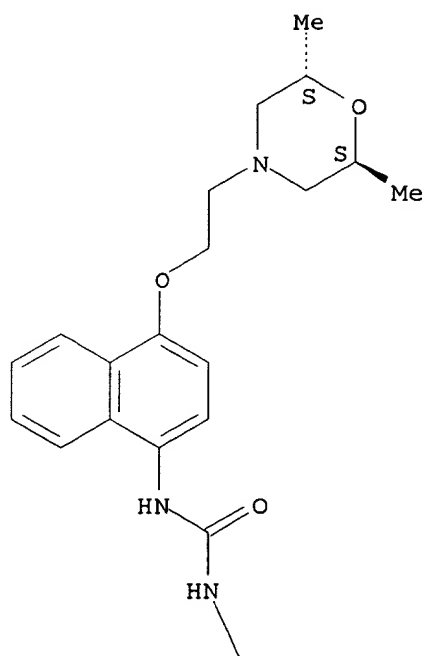


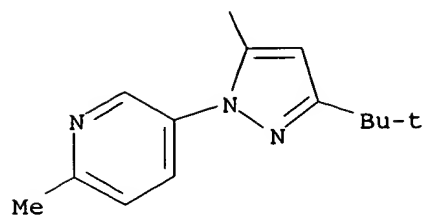


RN 285984-04-5 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
N'-[4-[2-[(2R,6R)-2,6-dimethyl-4-morpholinyl]ethoxy]-1-naphthalenyl]-,
rel- (9CI) (CA INDEX NAME)

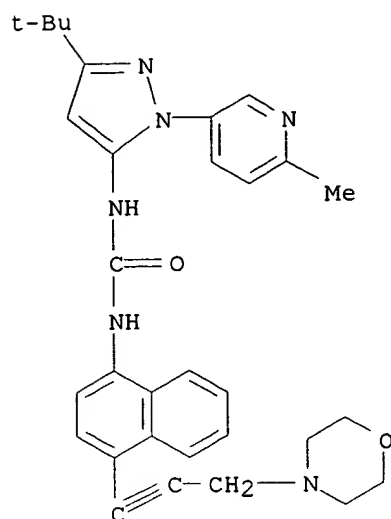
Relative stereochemistry.





RN 285984-05-6 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
N'-[4-[3-(4-morpholinyl)-1-propynyl]-1-naphthalenyl]- (9CI) (CA INDEX
NAME)

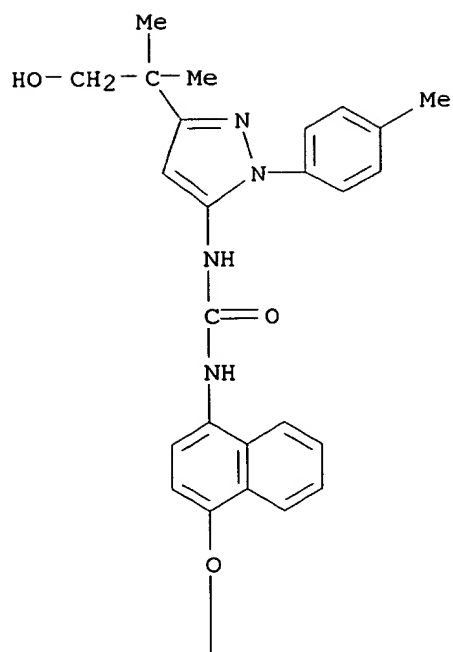


RN 285984-06-7 CAPLUS

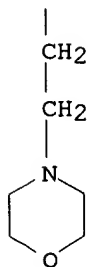
CN Urea, N-[3-(2-hydroxy-1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-
yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX
NAME)

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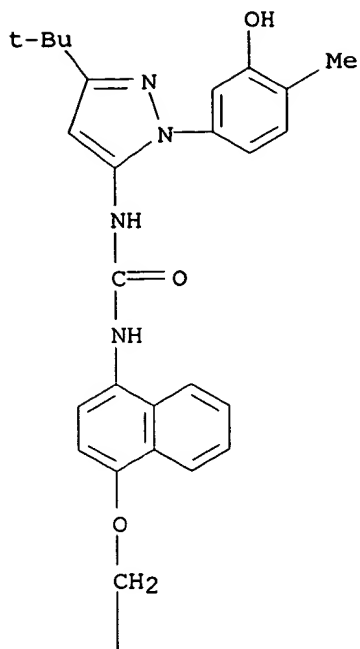


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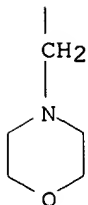


RN 285984-07-8 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1-(3-hydroxy-4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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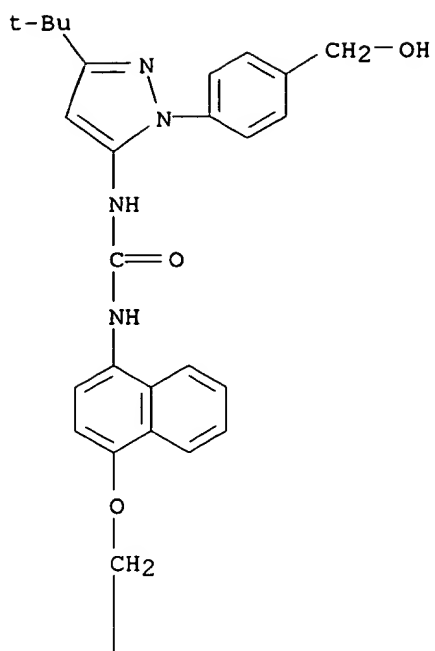
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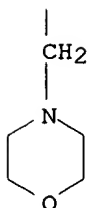
RN 285984-08-9 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-[4-(hydroxymethyl)phenyl]-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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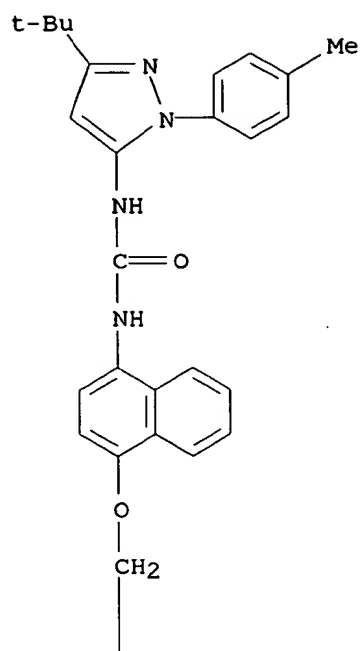


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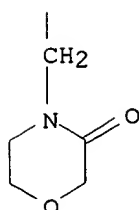


RN 285984-09-0 CAPLUS
CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(3-oxo-4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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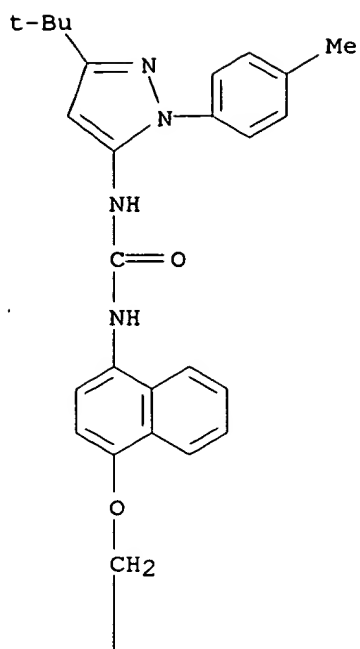


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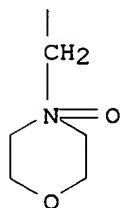


RN 285984-10-3 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-oxido-4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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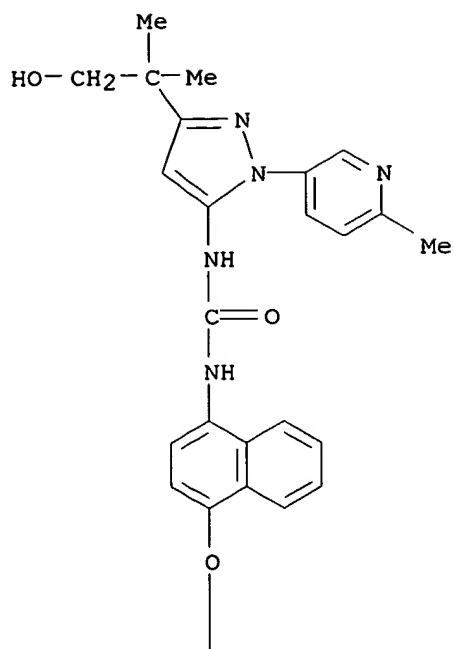


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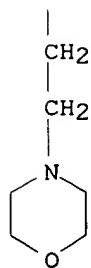


RN 285984-11-4 CAPLUS
 CN Urea, N-[3-(2-hydroxy-1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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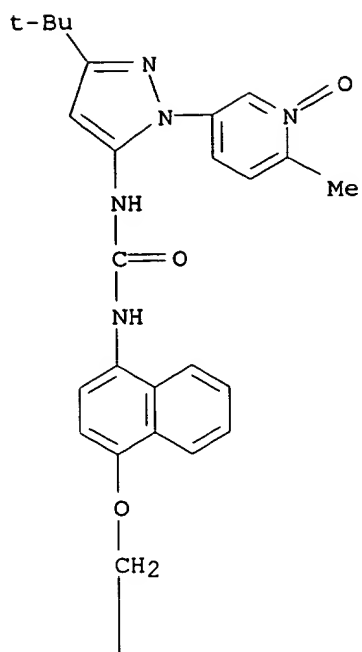


RN 285984-12-5 CAPLUS

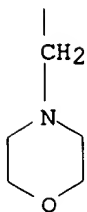
CN Urea,

N-[3-(1,1-dimethylethyl)-1-(6-methyl-1-oxido-3-pyridinyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-morpholinyl)ethoxy]-1-naphthalenyl]-(9CI) (CA INDEX NAME)

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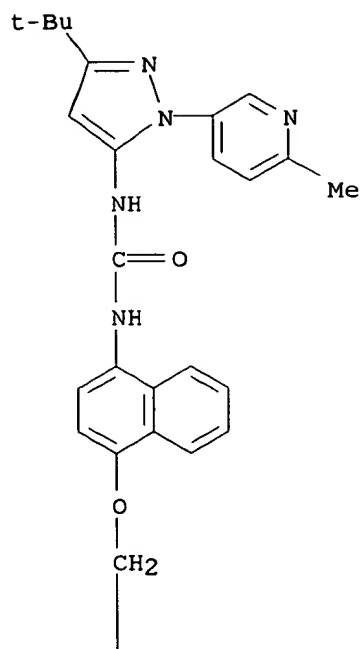


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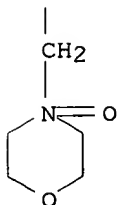


RN 285984-13-6 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[2-(4-oxido-4-morpholinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX
 NAME)

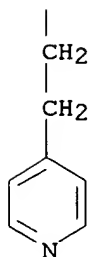
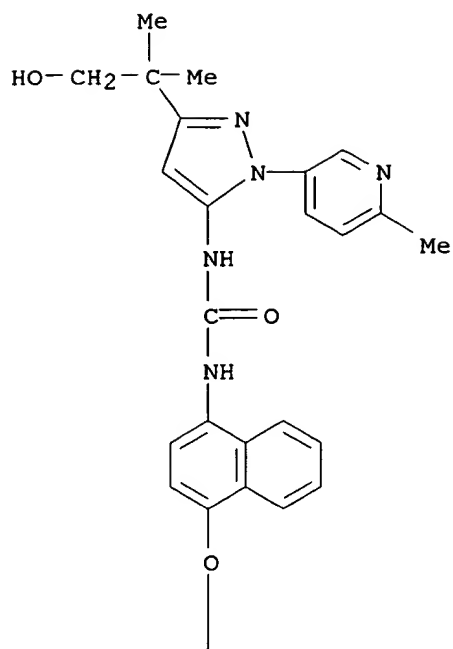
PAGE 1-A



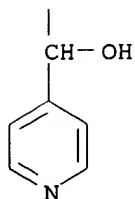
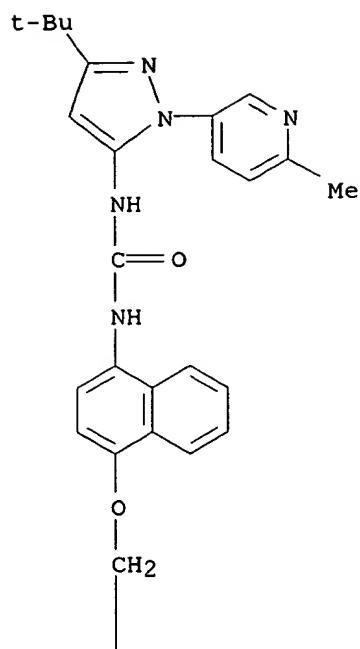
PAGE 2-A



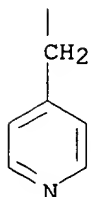
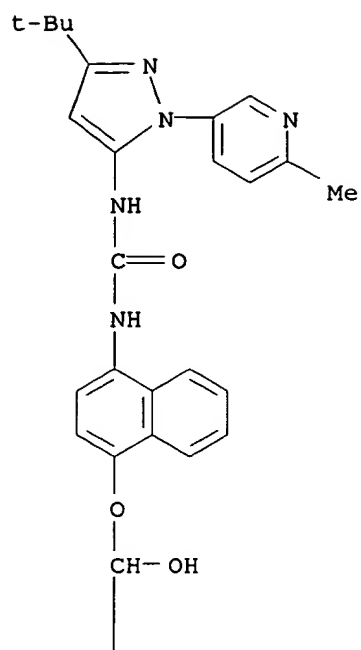
RN 285984-14-7 CAPLUS
 CN Urea, N-[3-(2-hydroxy-1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-N'-[4-[2-(4-pyridinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 285984-15-8 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[2-hydroxy-2-(4-pyridinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX
 NAME)

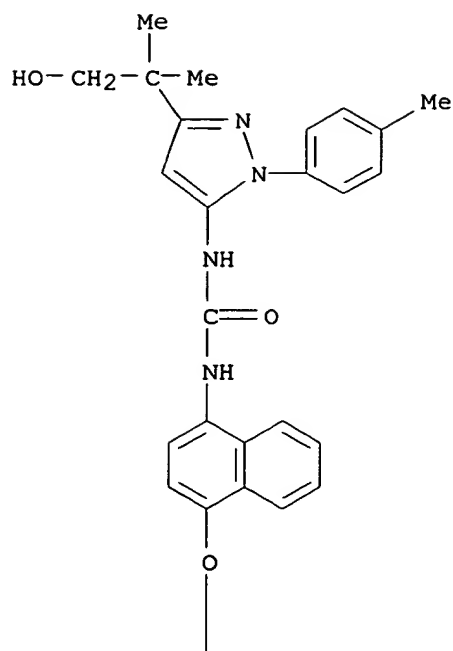


RN 285984-16-9 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-
 N'-[4-[1-hydroxy-2-(4-pyridinyl)ethoxy]-1-naphthalenyl]- (9CI) (CA INDEX
 NAME)

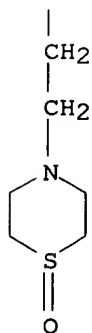


RN 285984-17-0 CAPLUS
 CN Urea, N-[3-(2-hydroxy-1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-[2-(1-oxido-4-thiomorpholinyl)ethoxy]-1-naphthalenyl]- (9CI)
 (CA INDEX NAME)

PAGE 1-A

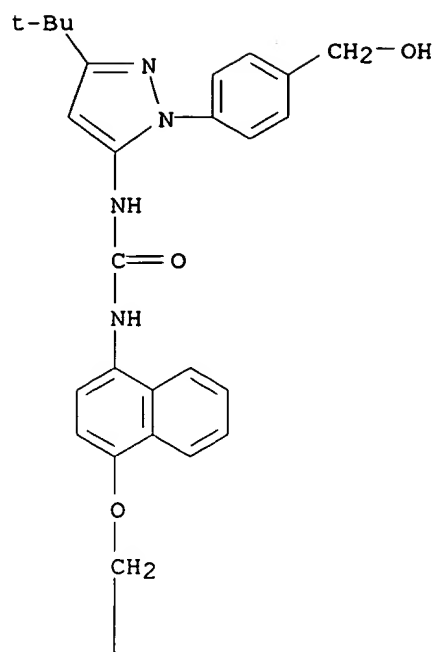


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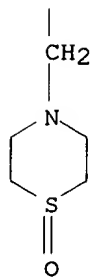


RN 285984-18-1 CAPLUS
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 (CA INDEX NAME)

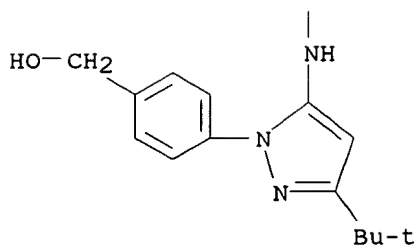
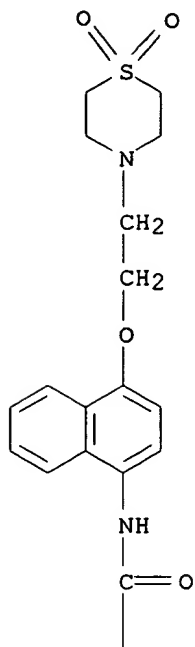
PAGE 1-A



PAGE 2-A



RN 285984-19-2 CAPLUS
 CN Urea, N-[3-(1,1-dimethylethyl)-1-[4-(hydroxymethyl)phenyl]-1H-pyrazol-5-yl]-N'-[4-[2-(1,1-dioxido-4-thiomorpholinyl)ethoxy]-1-naphthalenyl]-
 (9CI)
 (CA INDEX NAME)



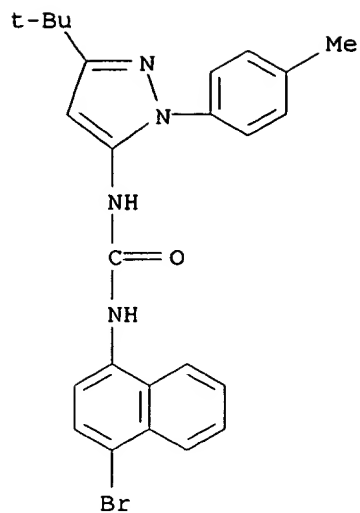
IT 285984-26-1P 285984-32-9P 285984-33-0P
 285984-42-1P 285984-43-2P 285984-44-3P
 285984-45-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of arom. heterocyclic ureas as antiinflammatory agents)

RN 285984-26-1 CAPLUS

CN Urea, N-(4-bromo-1-naphthalenyl)-N'-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

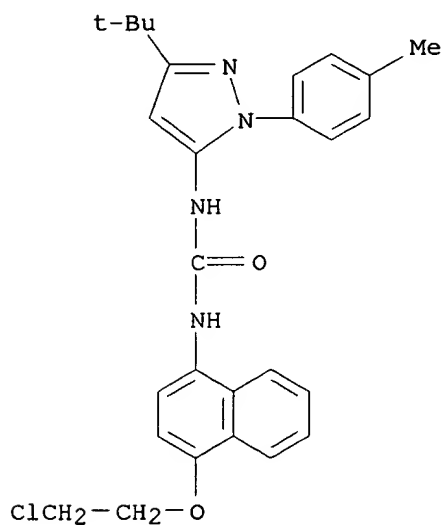
09/472,232



RN 285984-32-9 CAPLUS

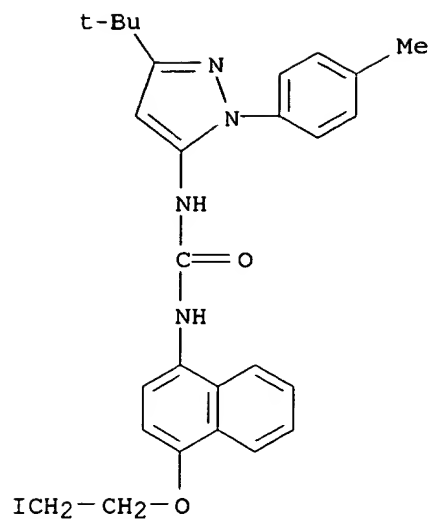
CN Urea,

N-[4-(2-chloroethoxy)-1-naphthalenyl]-N'-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



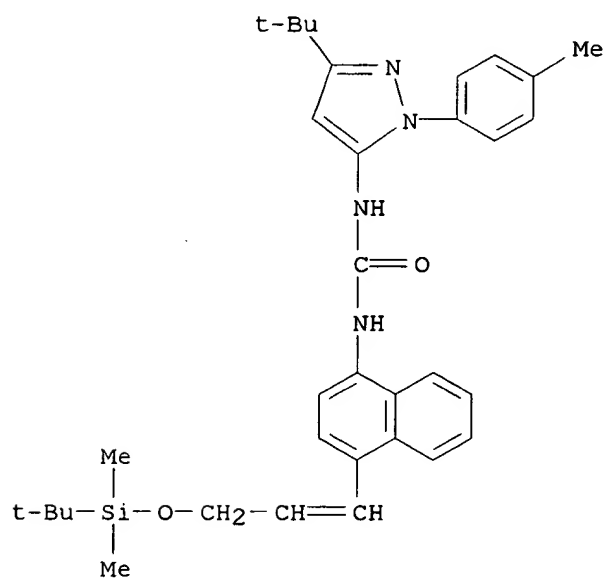
RN 285984-33-0 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-(2-iodoethoxy)-1-naphthalenyl]- (9CI) (CA INDEX NAME)



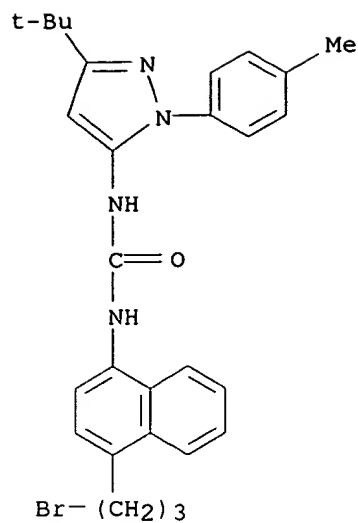
RN 285984-42-1 CAPLUS

CN Urea, N-[4-[3-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-1-propenyl]-1-naphthalenyl]-N'-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



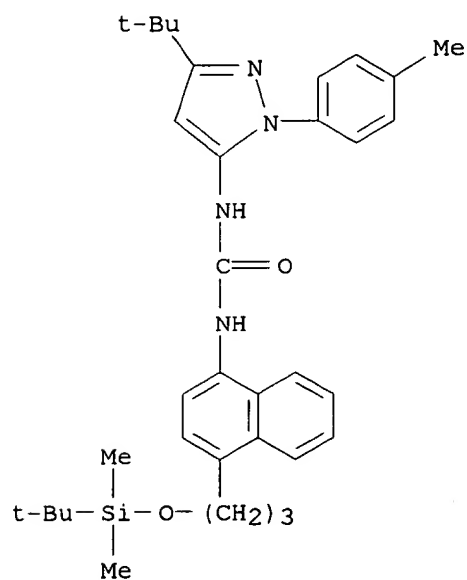
RN 285984-43-2 CAPLUS

CN Urea,
N-[4-(3-bromopropyl)-1-naphthalenyl]-N'-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



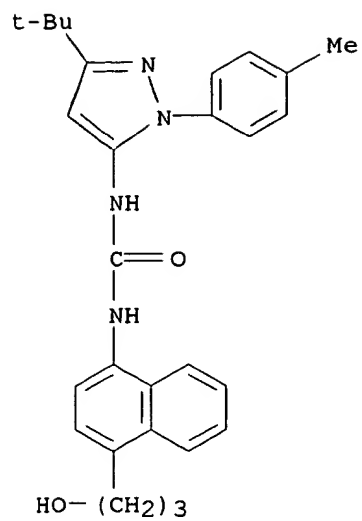
RN 285984-44-3 CAPLUS

CN Urea, N-[4-[3-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]propyl]-1-naphthalenyl]-N'-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 285984-45-4 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-[4-(3-hydroxypropyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RE.CNT 7

RE

- (1) Bayer Corp; WO 9852558 A 1998 CAPLUS
 - (2) Bayer Corp; WO 9932106 A 1999 CAPLUS
 - (3) Bayer Corp; WO 9932110 A 1999 CAPLUS
 - (4) Bayer Corp; WO 9932111 A 1999 CAPLUS
 - (5) Bayer Corp; WO 9932455 A 1999 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 2000:314688 CAPLUS

DN 132:334455

TI 2-Ureidothiazole derivatives, process for their preparation, and their use

as antitumor agents

IN Pevarello, Paolo; Amici, Raffaella; Traquandi, Gabriella; Villa, Manuela; Vulpetti, Anna; Isacchi, Antonella

PA Pharmacia & Upjohn S.p.A., Italy

SO PCT Int. Appl., 95 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000026203	A1	20000511	WO 1999-EP8307	19991027
W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

PRAI GB 1998-23873 19981030

OS MARPAT 132:334455

AB The title 2-ureido-1,3-thiazole derivs. I and their pharmaceutically acceptable salts are disclosed [wherein R = halo, nitro, (un)substituted amino, C1-6 alkyl, C3-6 cycloalkyl, aryl, or arylalkyl; R1 = (un)substituted C1-6 alkyl, 3- to 6-membered carbocycle or 5- to 7-membered heterocycle, aryl, arylcarbonyl, or arylalkyl; R2 = H, straight

or branched C1-4 alkyl, C2-4 alkenyl, or alkynyl; or NR1R2 = (un)substituted, optionally benzo-condensed or bridged 5- to 7-membered heterocycle, or 9- to 11-membered spiro-heterocycle]. The compds. are active as cdk/cyclin inhibitors, and are useful for treating cell proliferative disorders assocd. with an altered cell dependent kinase activity. The proliferative disorders include cancer and a wide variety of other conditions, such as Alzheimer's disease, viral infections, autoimmune diseases, and neurodegenerative disorders. Over 230 invention compds. are claimed and/or prepd. in examples. For instance, reaction of Ph isocyanate with 2-amino-5-bromo-1,3-thiazole hydrobromide in the presence of Et3N gave title compd. I [R = Br, R1 = Ph, R2 = H]. The similarly prepd. title compd. I [R = iso-Pr, R1 = 3,5-dimethylphenyl, R2

=

H] inhibited cdk2/cyclin A complex in vitro with an IC50 of 0.56 .mu.M.

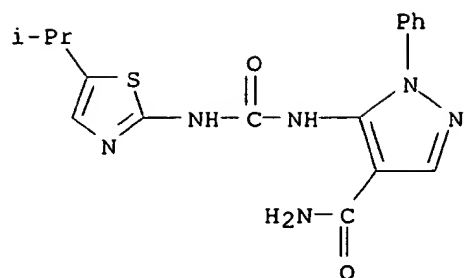
IT **267430-30-8P**, 5-[[[(5-Isopropyl-1,3-thiazol-2-yl)amino]carbonyl]amino]-1-phenyl-1H-pyrazole-4-carboxamide
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(target compd.; prepn. of ureidothiazole derivs. as antitumor agents)

RN 267430-30-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-[[[(5-(1-methylethyl)-2-thiazolyl)amino]carbonyl]amino]-1-phenyl- (9CI) (CA INDEX NAME)

09/472,232



RE.CNT 16

RE

- (3) Ciba Aktiengesellschaft; CH 451156 A CAPLUS
 - (4) Hof, H; ARZNEIMITTEL FORSCHUNG DRUG RESEARCH 1987, V37(3), P306 CAPLUS
 - (5) Hoffmann, L; EP 0928790 A 1999 CAPLUS
 - (6) Ici Ltd; FR 2252808 A 1975 CAPLUS
 - (8) May & Baker Ltd; DE 2040580 A 1971 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 1999:425744 CAPLUS

DN 131:73649

TI Preparation of pyrazolyl aryl ureas and related compounds as p38 kinase inhibitors

IN Dumas, Jacques; Khire, Uday; Lowinger, Timothy Bruno; Riedl, Bernd; Scott,William J.; Smith, Roger A.; Wood, Jill E.; Hatoum-Mokdad, Holia;Johnson,Jeffrey; Redman, Aniko; Sibley, Robert

PA Bayer Corporation, USA

SO PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9932110	A1	19990701	WO 1998-US26079	19981222
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,			

TM

RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
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AU 9919970 A1 19990712 AU 1999-19970 19981222

EP 1043995 A1 20001018 EP 1998-964708 19981222

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRAI US 1997-995751 19971222 → 60/135,094

WO 1998-US26079 19981222

OS MARPAT 131:73649

AB A method for treatment of p38-mediated disease other than cancer comprises

administration of ANHCONHB [I; A = substituted pyrazolyl, thienyl, furyl;

B = (substituted) mono-, di-, or tricyclic aryl, heteroaryl contg.

gtoreq.1 5-6 membered arom. structure contg. 0-4 N, O, or S atoms].

Reaction of 2,3-dichlorophenyl isocyanate with

1-(4-methoxyphenyl)-3-tert-

butyl-5-aminopyrazole in toluene gave title compd. II. In an in vitro p38

kinase assay, I displayed IC50 values of 1-10 .mu.M.

IT 227623-07-6P 227623-21-4P

RL: BAC (Biological activity or effector, except adverse); RCT

(Reactant);

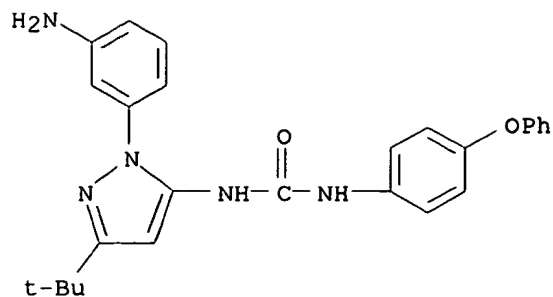
SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrazolyl aryl ureas and related compds. as p38 kinase inhibitors)

RN 227623-07-6 CAPLUS

CN Urea, N-[1-(3-aminophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)

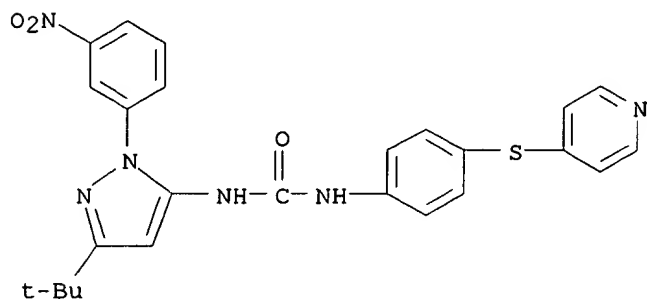
Same Inv. Entity



RN 227623-21-4 CAPLUS

CN Urea,

N-[3-(1,1-dimethylethyl)-1-(3-nitrophenyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylthio)phenyl]- (9CI) (CA INDEX NAME)



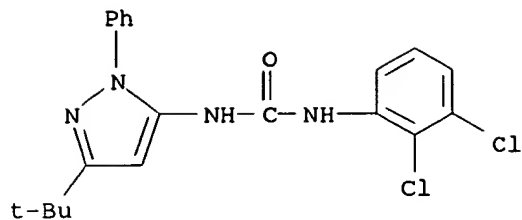
IT 227622-85-7P 227622-86-8P 227622-87-9P
 227622-90-4P 227622-91-5P 227622-92-6P
 227622-93-7P 227622-94-8P 227622-95-9P
 227622-96-0P 227622-98-2P 227622-99-3P
 227623-01-0P 227623-02-1P 227623-03-2P
 227623-04-3P 227623-05-4P 227623-06-5P
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 227623-14-5P 227623-15-6P 227623-16-7P
 227623-17-8P 227623-18-9P 227623-19-0P
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 228564-94-1P 228564-95-2P 228564-96-3P
 228564-97-4P 228564-98-5P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of pyrazolyl aryl ureas and related compds. as p38 kinase inhibitors)

RN 227622-85-7 CAPLUS

CN Urea,

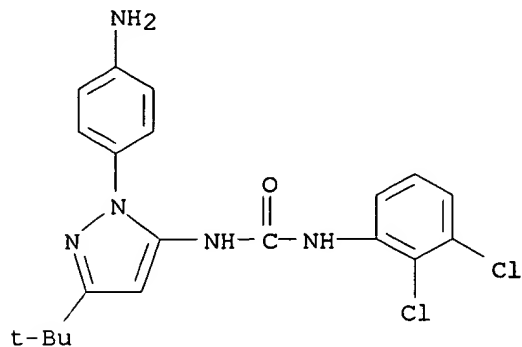
N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-phenyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-86-8 CAPLUS

CN Urea,

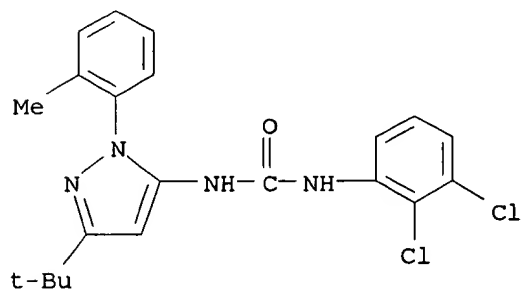
N-[1-(4-aminophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-(2,3-dichlorophenyl)- (9CI) (CA INDEX NAME)



RN 227622-87-9 CAPLUS

CN Urea,

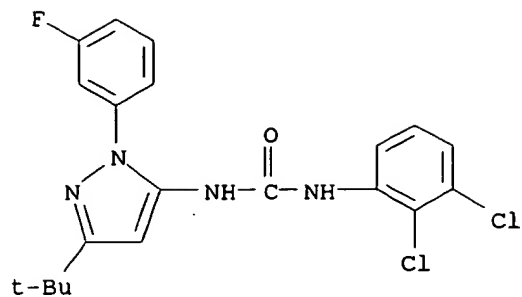
N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(2-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-90-4 CAPLUS

CN Urea,

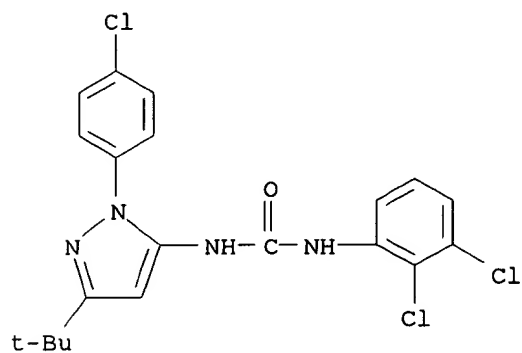
N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(3-fluorophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-91-5 CAPLUS

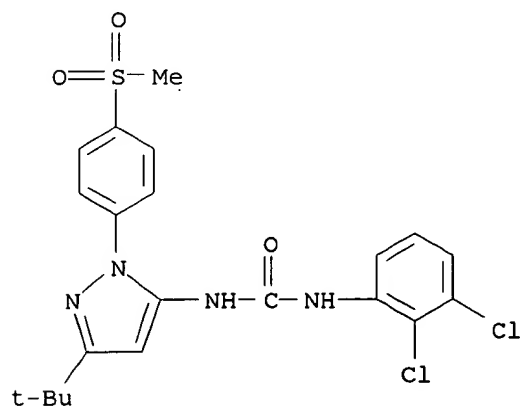
CN Urea,

N-[1-(4-chlorophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-(2,3-dichlorophenyl)- (9CI) (CA INDEX NAME)



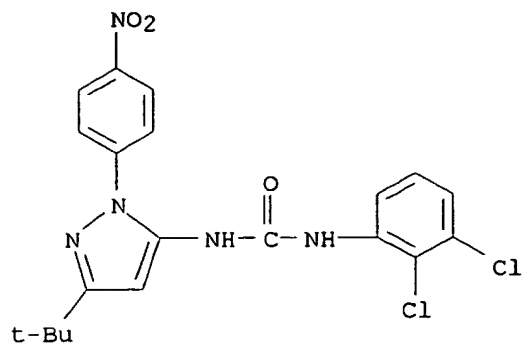
RN 227622-92-6 CAPLUS

CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-[4-(methylsulfonyl)phenyl]-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-93-7 CAPLUS

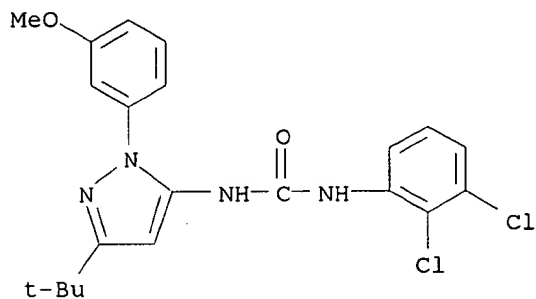
CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(4-nitrophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 227622-94-8 CAPLUS

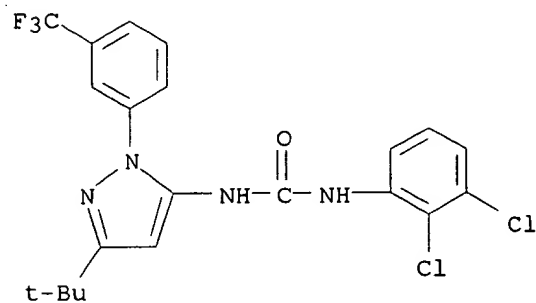
CN Urea,

N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(3-methoxyphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



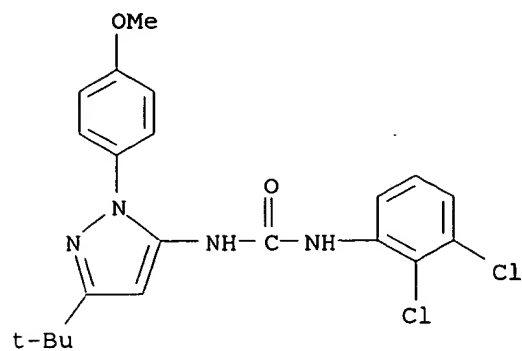
RN 227622-95-9 CAPLUS

CN Urea, N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-[3-(trifluoromethyl)phenyl]-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



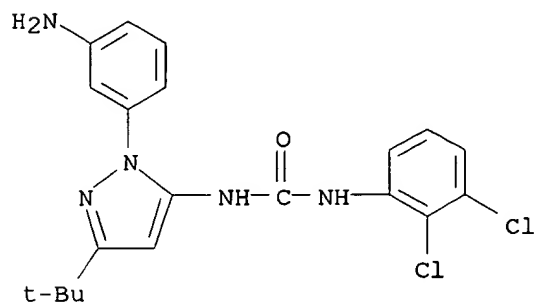
RN 227622-96-0 CAPLUS

CN Urea,
 N-(2,3-dichlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(4-methoxyphenyl)-
 1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



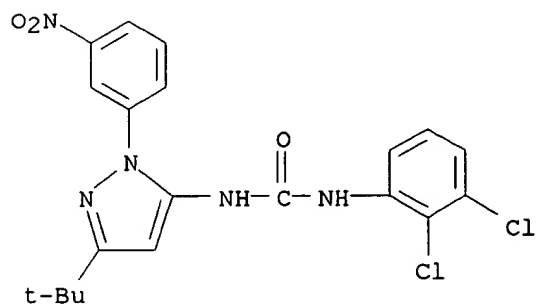
RN 227622-98-2 CAPLUS

CN Urea,
 N-[1-(3-aminophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-(2,3-
 dichlorophenyl)- (9CI) (CA INDEX NAME)



RN 227622-99-3 CAPLUS

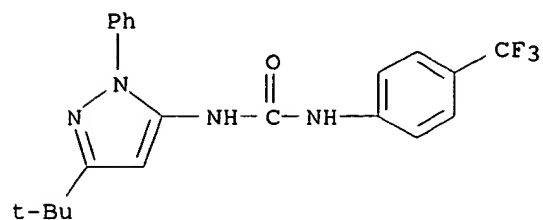
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09/472,232

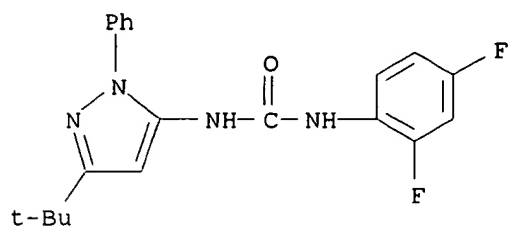
RN 227623-01-0 CAPLUS

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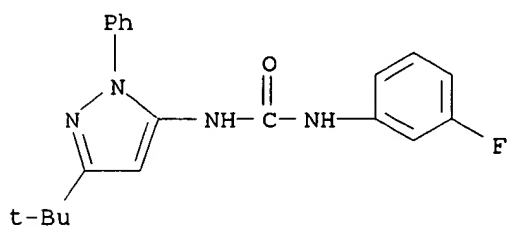
RN 227623-02-1 CAPLUS

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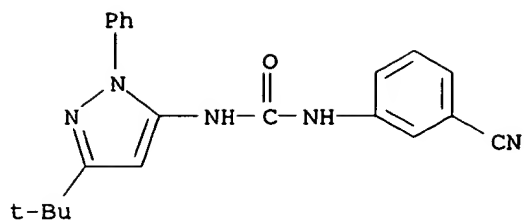
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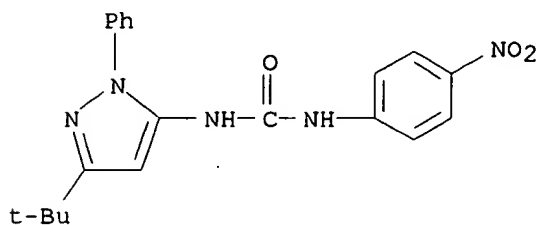
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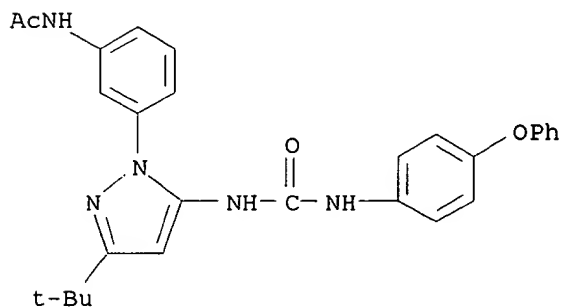
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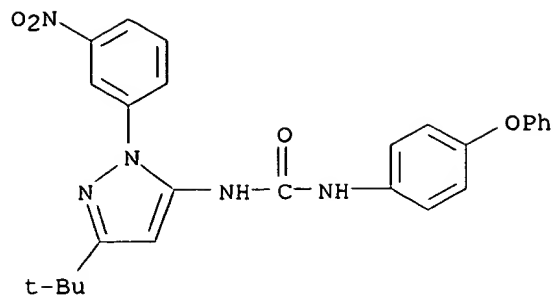
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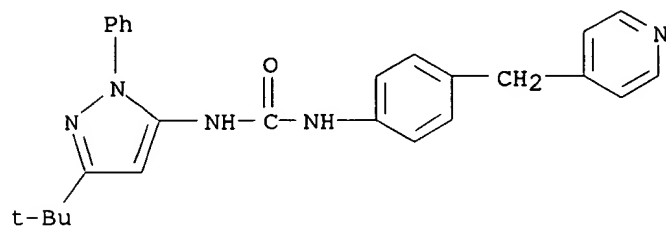
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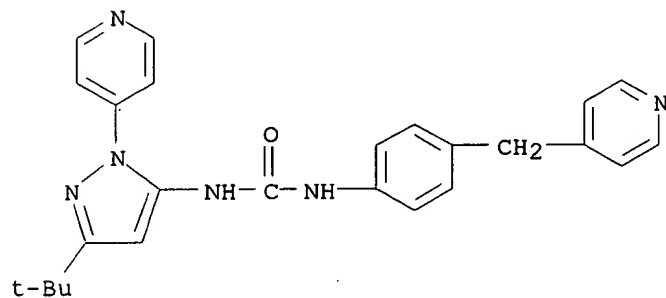
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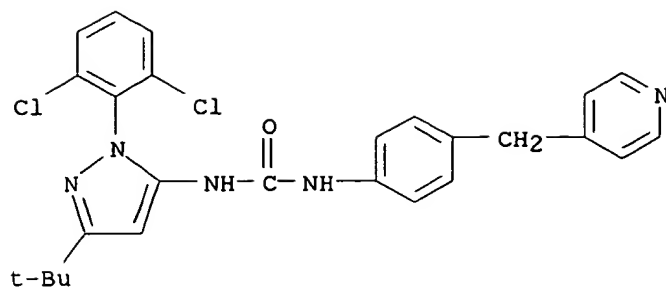
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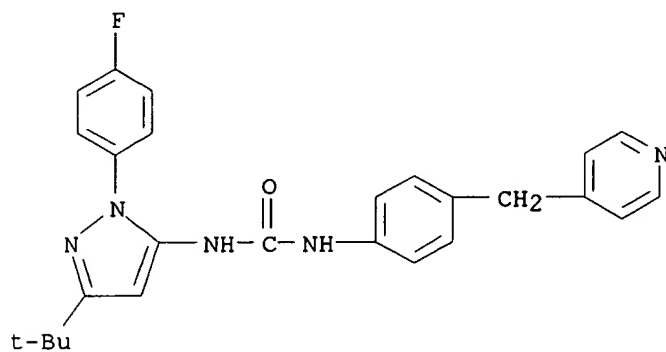
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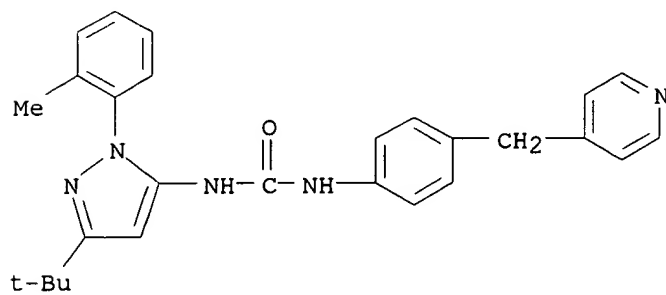
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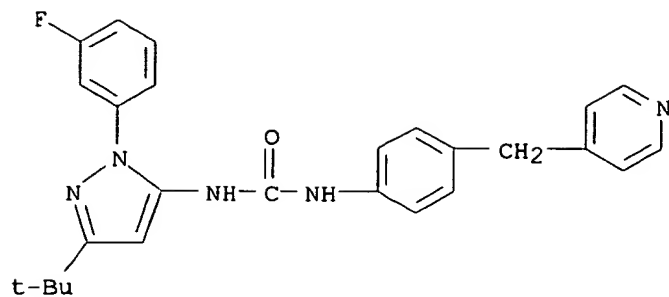
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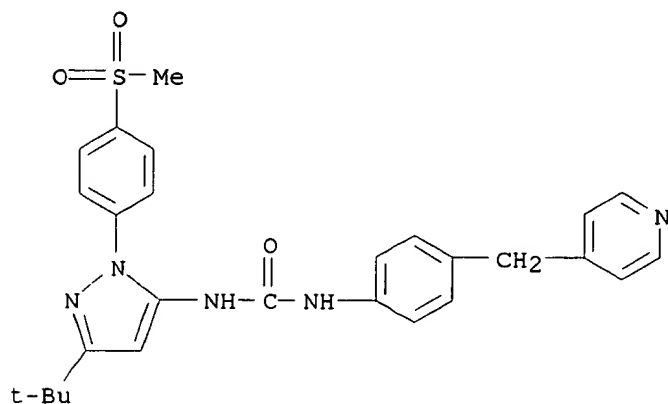
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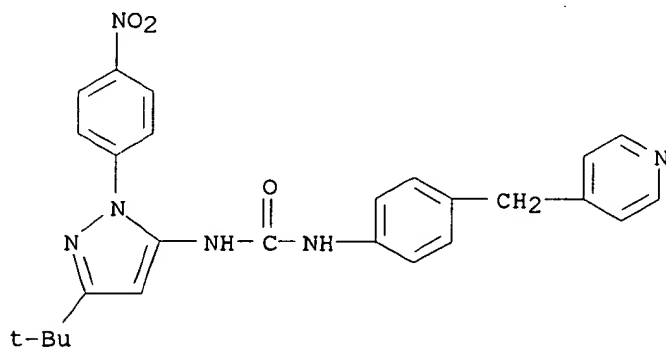


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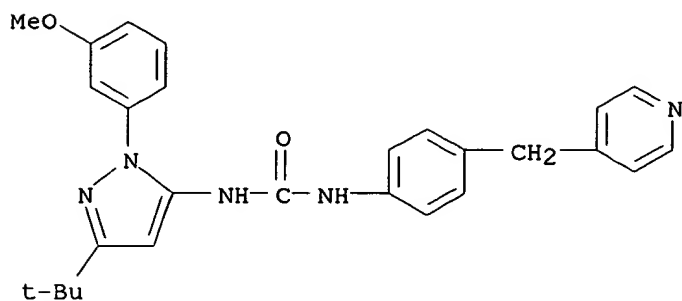


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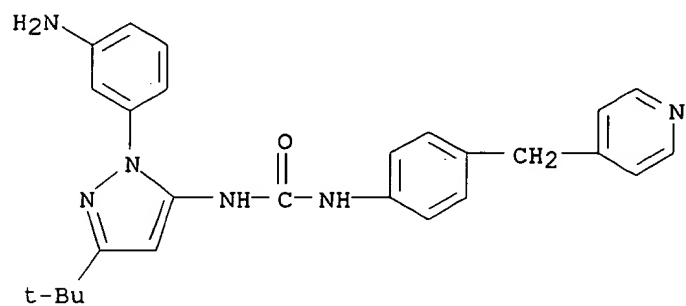
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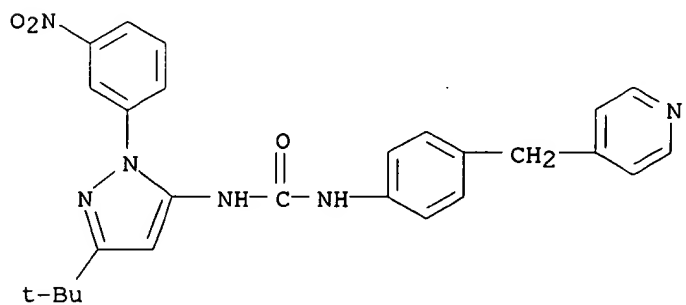
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RN 227623-19-0 CAPLUS

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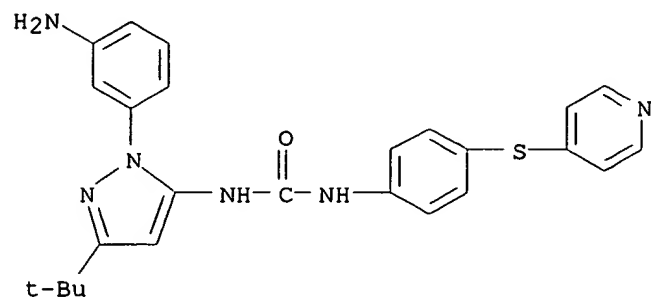


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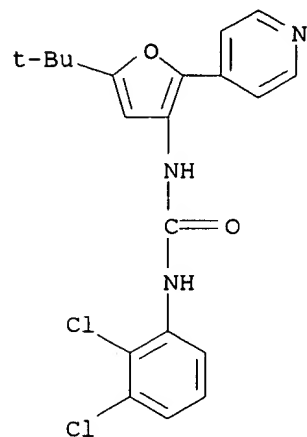
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RN 227623-24-7 CAPLUS

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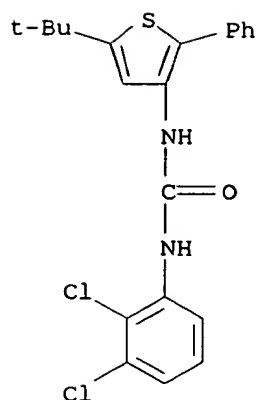


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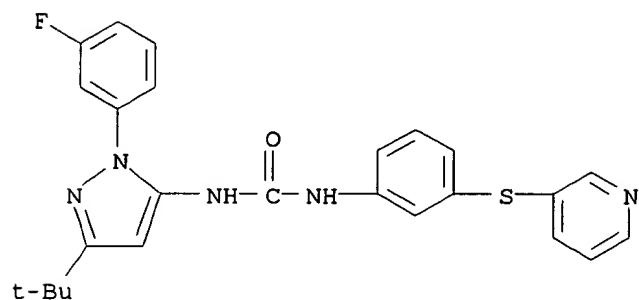
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09/472,232



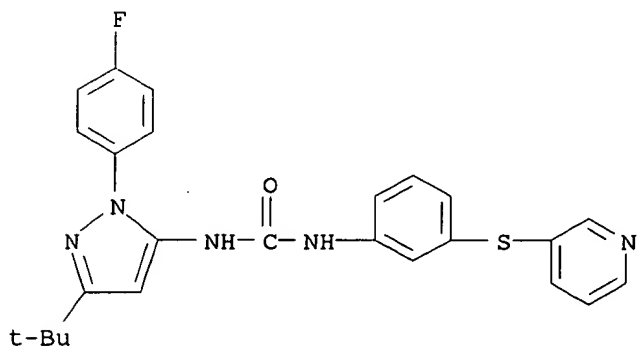
RN 228564-94-1 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(3-fluorophenyl)-1H-pyrazol-5-yl]-N'-[3-(3-pyridinylthio)phenyl]- (9CI) (CA INDEX NAME)



RN 228564-95-2 CAPLUS

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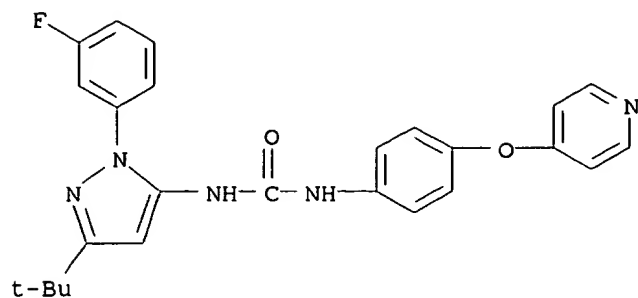


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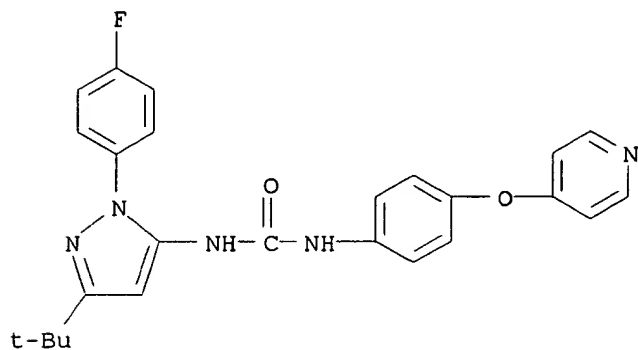
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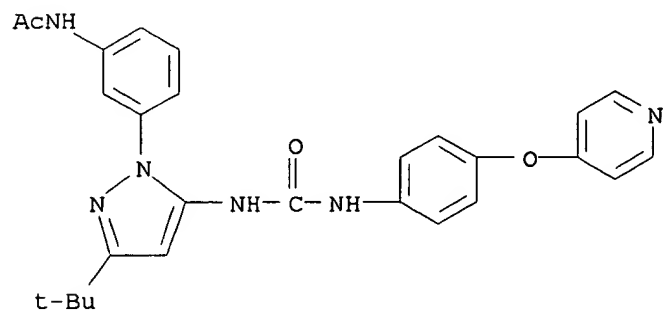
RN 228564-97-4 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-fluorophenyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinyloxy)phenyl]- (9CI) (CA INDEX NAME)



RN 228564-98-5 CAPLUS

CN Acetamide, N-[3-[3-(1,1-dimethylethyl)-5-[[[4-(4-pyridinyloxy)phenyl]amino]carbonyl]amino]-1H-pyrazol-1-yl]phenyl]- (9CI) (CA INDEX NAME)



RE.CNT 1

RE

09/472,232

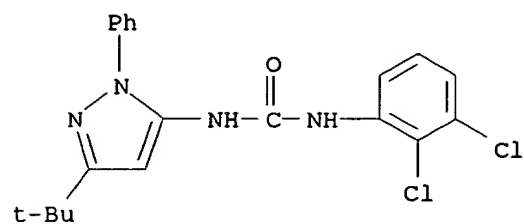
(1) Kamata; US 5319099 A 1994 CAPLUS

L6 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:421660 CAPLUS
 DN 131:44811
 TI Preparation of aryl- and heteroaryl-substituted heterocyclic ureas as raf
 kinase inhibitors
 IN Dumas, Jacques; Khire, Uday; Lowinger, Timothy Bruno; Paulsen, Holger;
 Riedl, Bernd; Scott, William J.; Smith, Roger A.; Wood, Jill E.;
 Hatoum-Mokdad, Holia; Johnson, Jeffrey; Redman, Aniko; Sibley, Robert
 PA Bayer Corporation, USA
 SO PCT Int. Appl., 58 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

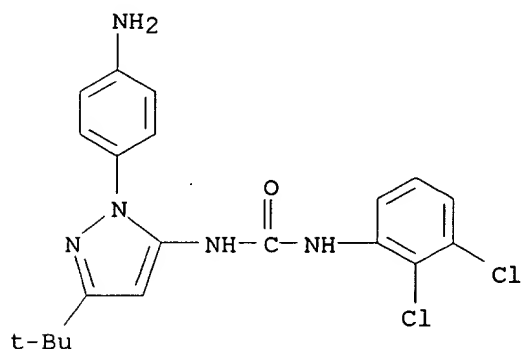
*Applicant's
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	EP 1056725	A1	20001206	EP 1998-963810	19981222
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	NO 2000003231	A	20000822	NO 2000-3231	20000621
PRAI	US 1997-996181		19971222		
	WO 1998-US26082		19981222		
OS	MARPAT 131:44811				
AB	The title compds. ANHCONHB (A = heteroaryl; B = aryl, heteroaryl), raf kinase inhibitors, were prepd. E.g., N-(1-phenyl-3-tert-butyl-5-pyrazolyl)-N'-(4-(4-pyridinylmethyl)phenyl)urea was prepd.				
IT	227622-85-7P 227622-86-8P 227622-87-9P 227622-88-0P 227622-89-1P 227622-90-4P 227622-91-5P 227622-92-6P 227622-93-7P 227622-94-8P 227622-95-9P 227622-96-0P 227622-97-1P 227622-98-2P 227622-99-3P 227623-00-9P 227623-01-0P 227623-02-1P 227623-03-2P 227623-04-3P 227623-05-4P 227623-06-5P 227623-07-6P 227623-08-7P 227623-09-8P 227623-10-1P 227623-11-2P 227623-12-3P 227623-13-4P 227623-14-5P 227623-15-6P 227623-16-7P 227623-17-8P 227623-18-9P 227623-19-0P 227623-20-3P 227623-21-4P 227623-24-7P 227623-25-8P RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of aryl- and heteroaryl-substituted heterocyclic ureas as raf kinase inhibitors)				
RN	227622-85-7	CAPLUS			

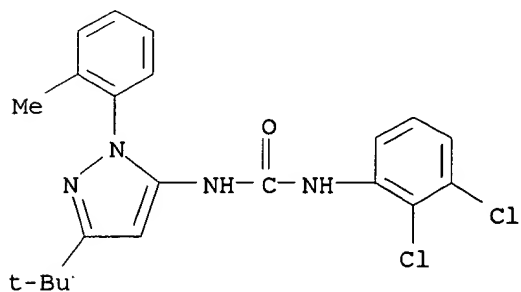
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RN 227622-86-8 CAPLUS
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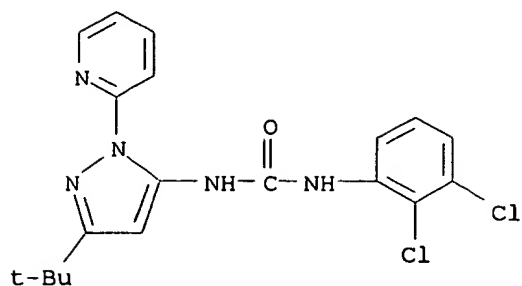


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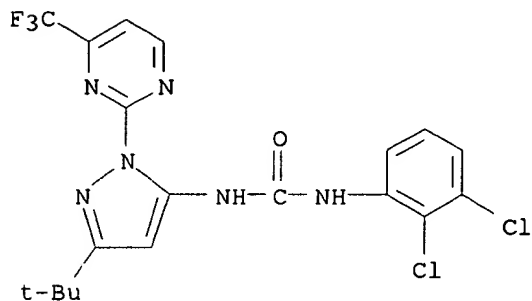
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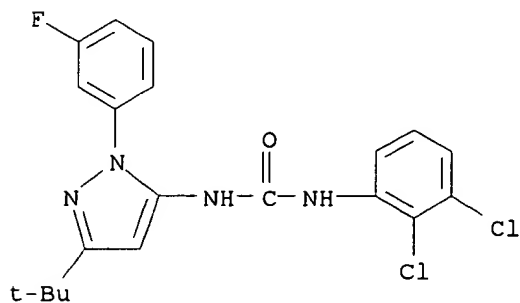
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RN 227622-90-4 CAPLUS

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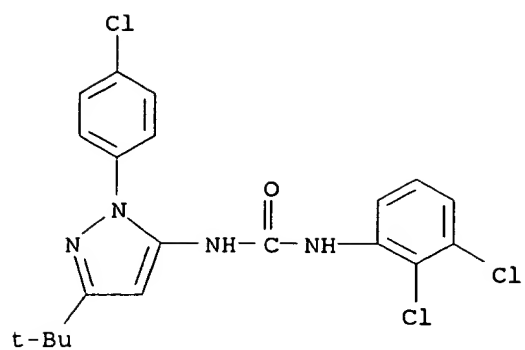
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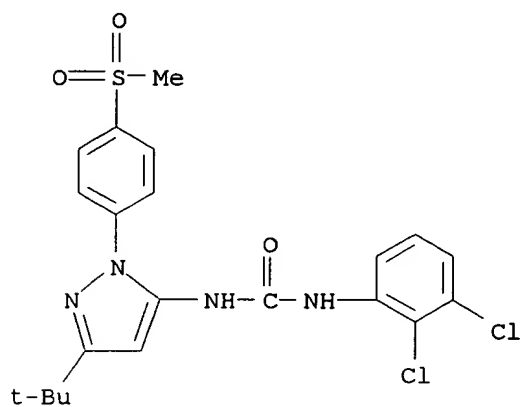
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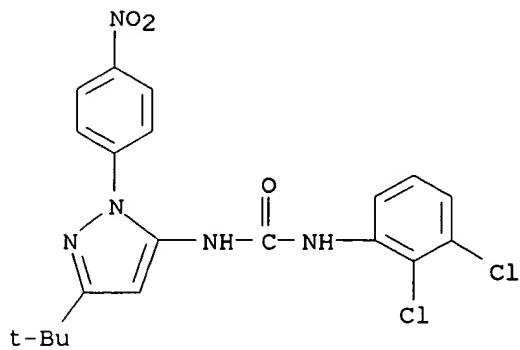
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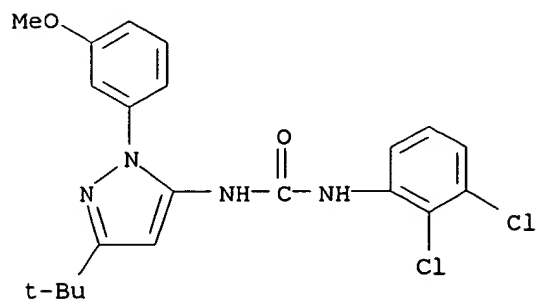
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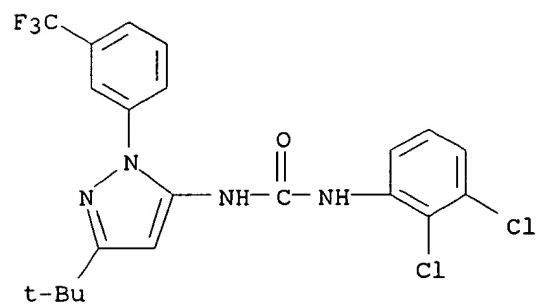
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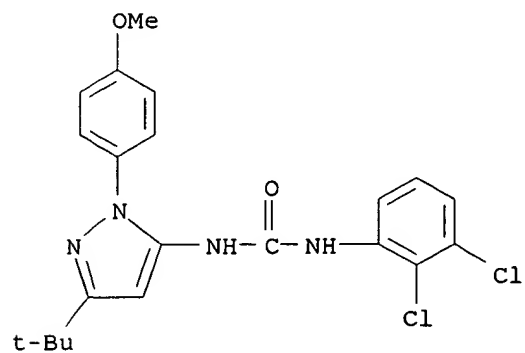
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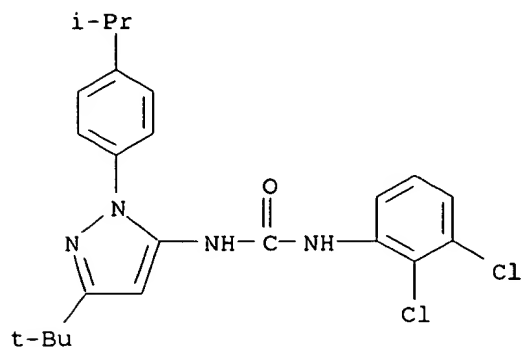
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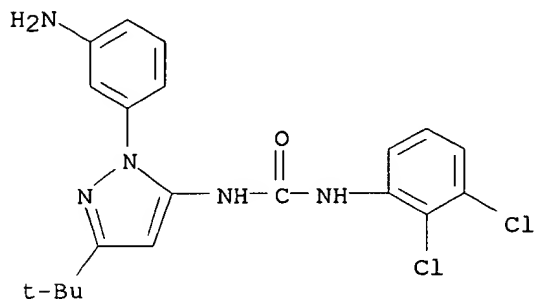
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RN 227622-97-1 CAPLUS

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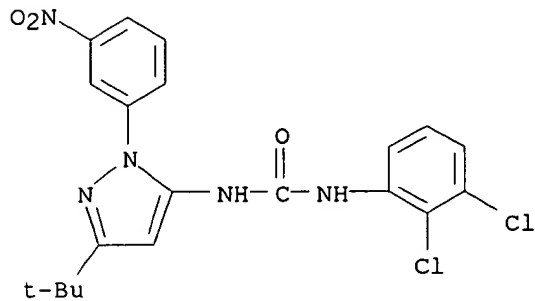


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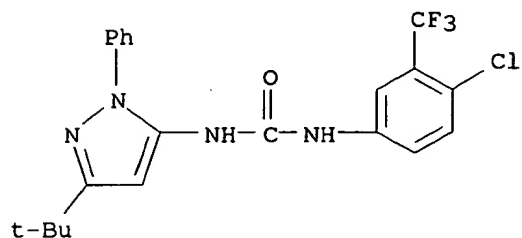
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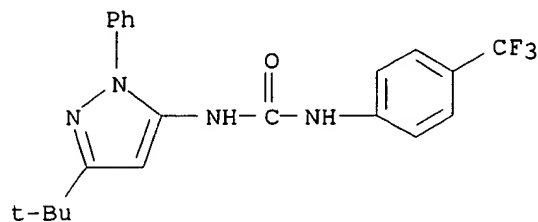
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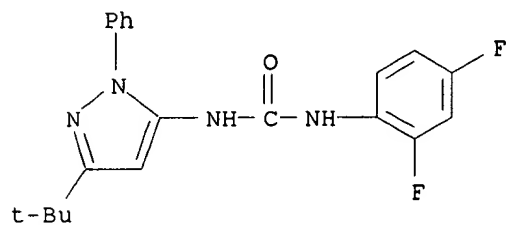
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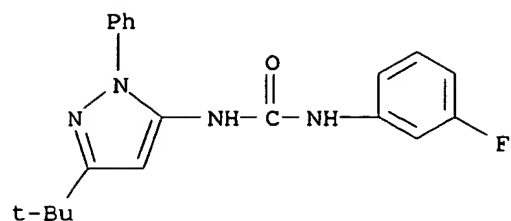
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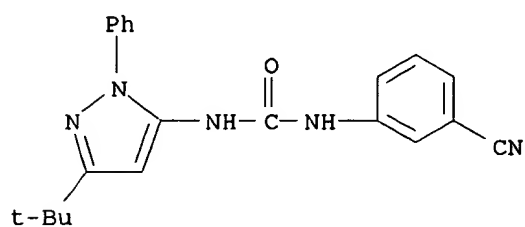
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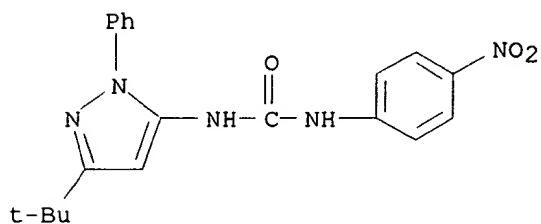
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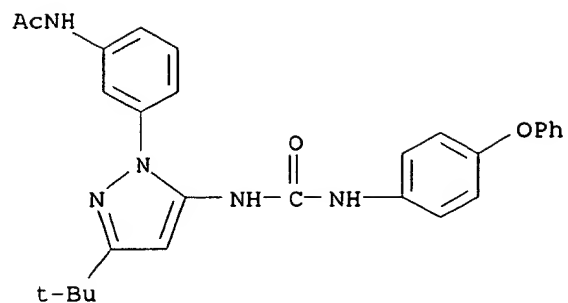
RN 227623-05-4 CAPLUS

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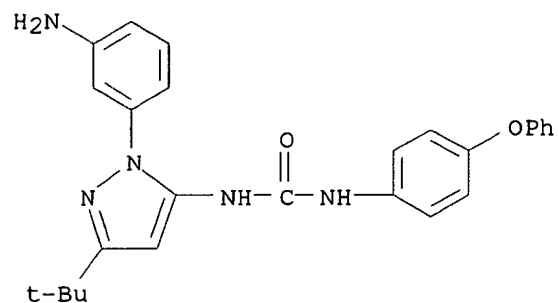
RN 227623-06-5 CAPLUS

CN Acetamide, N-[3-[3-(1,1-dimethylethyl)-5-[[[(4-phenoxyphenyl)amino]carbonyl]amino]-1H-pyrazol-1-yl]phenyl]- (9CI) (CA INDEX NAME)



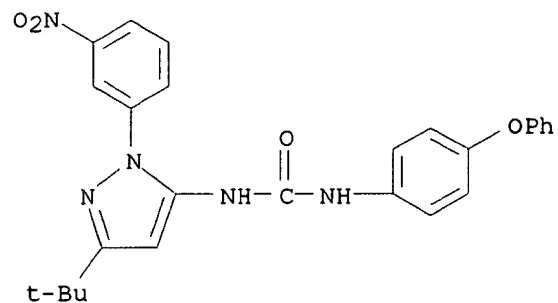
RN 227623-07-6 CAPLUS

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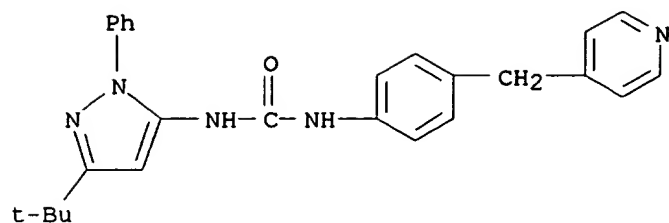
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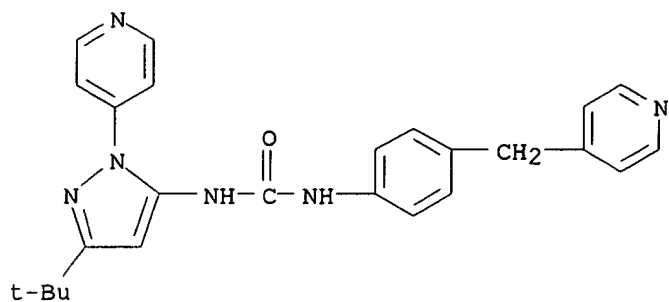
RN 227623-09-8 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-phenyl-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 227623-10-1 CAPLUS

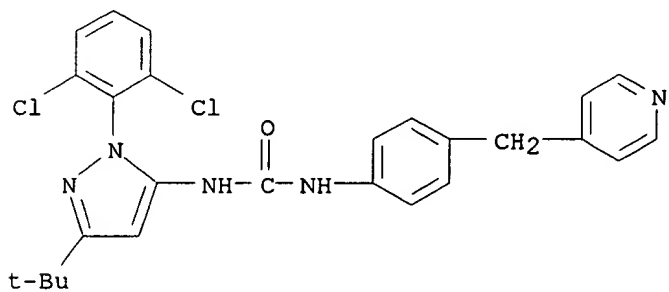
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RN 227623-11-2 CAPLUS

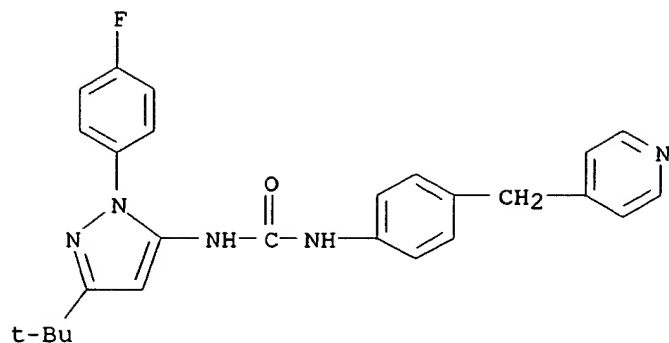
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N-[1-(2,6-dichlorophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



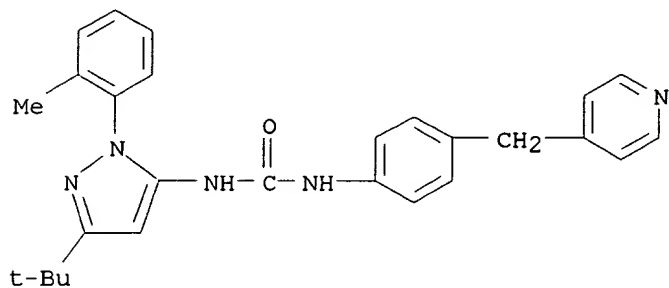
RN 227623-12-3 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-fluorophenyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



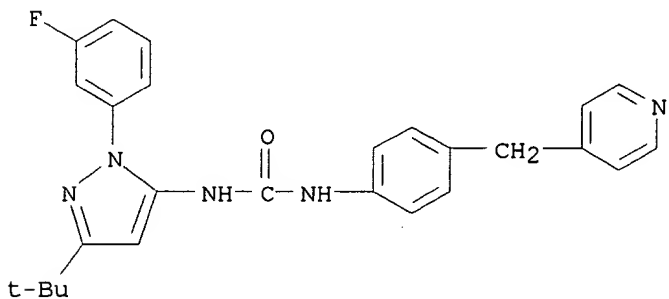
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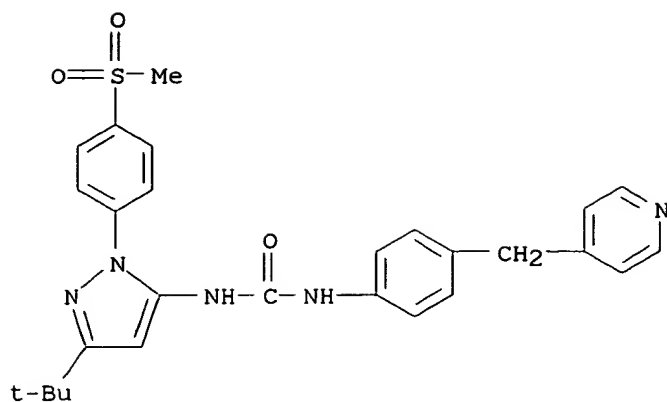
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RN 227623-15-6 CAPLUS

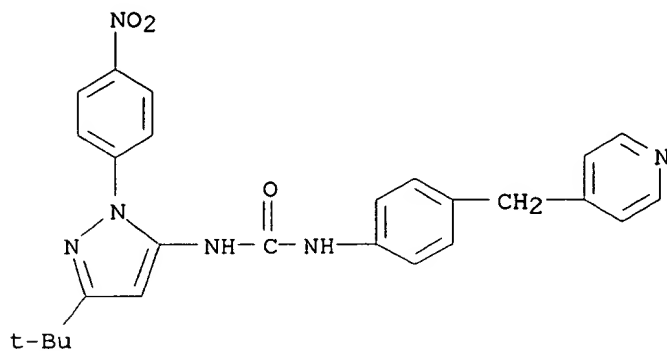
CN Urea, N-[3-(1,1-dimethylethyl)-1-[4-(methylsulfonyl)phenyl]-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 227623-16-7 CAPLUS

CN Urea,

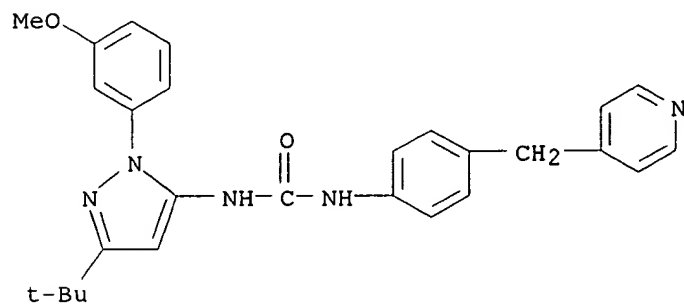
N-[3-(1,1-dimethylethyl)-1-(4-nitrophenyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 227623-17-8 CAPLUS

CN Urea,

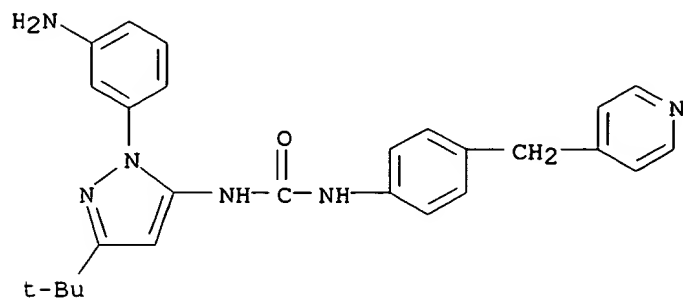
N-[3-(1,1-dimethylethyl)-1-(3-methoxyphenyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 227623-18-9 CAPLUS

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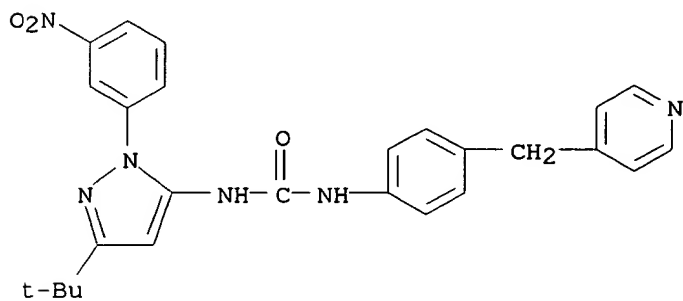
N-[1-(3-aminophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 227623-19-0 CAPLUS

CN Urea,

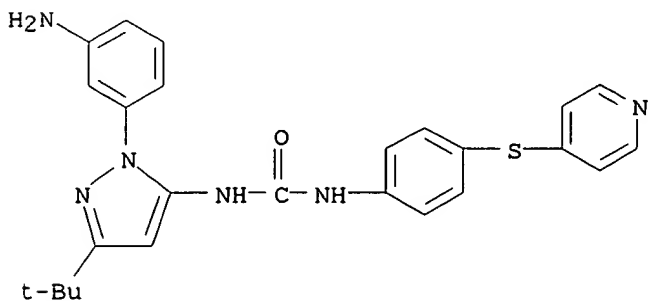
N-[3-(1,1-dimethylethyl)-1-(3-nitrophenyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylmethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 227623-20-3 CAPLUS

CN Urea,

N-[1-(3-aminophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylthio)phenyl]- (9CI) (CA INDEX NAME)

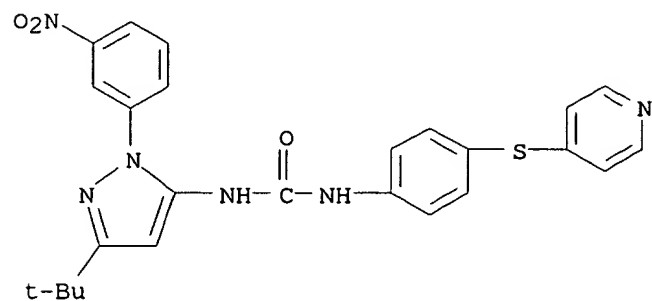


09/472,232

RN 227623-21-4 CAPLUS

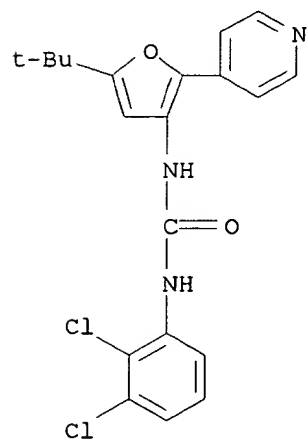
CN Urea,

N-[3-(1,1-dimethylethyl)-1-(3-nitrophenyl)-1H-pyrazol-5-yl]-N'-[4-(4-pyridinylthio)phenyl]- (9CI) (CA INDEX NAME)



RN 227623-24-7 CAPLUS

CN Urea, N-(2,3-dichlorophenyl)-N'-[5-(1,1-dimethylethyl)-2-(4-pyridinyl)-3-furanyl]- (9CI) (CA INDEX NAME)

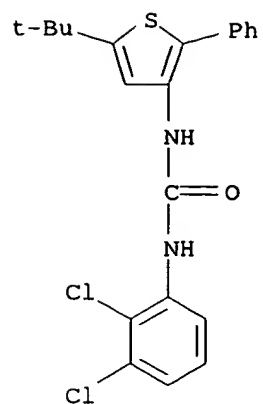


RN 227623-25-8 CAPLUS

CN Urea,

N-(2,3-dichlorophenyl)-N'-[5-(1,1-dimethylethyl)-2-phenyl-3-thienyl]- (9CI) (CA INDEX NAME)

09/472,232



RE.CNT 1

RE

(1) Creswell; US 5162360 A 1992 CAPLUS

L6 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:311199 CAPLUS
 DN 130:325145
 TI Preparation of aromatic heterocyclic compounds as antiinflammatory agents
 IN Regan, John R.; Cirillo, Pier F.; Hickey, Eugene R.; Moss, Neil; Cywin,
 Charles L.; Pargellis, Christopher; Gilmore, Thomas A.
 PA Boehringer Ingelheim Pharmaceuticals, Inc., USA
 SO PCT Int. Appl., 87 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

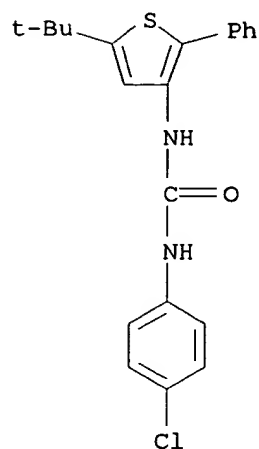
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	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
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	US 6080763	A	20000627	US 1998-181743	19981029
	EP 1028953	A1	20000823	EP 1998-957405	19981029
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PRAI	US 1997-64102		19971103		
	WO 1998-US22907		19981029		
OS	MARPAT 130:325145				
AB	The title compds. I [A = C, N; B = C, N, O, etc.; D = C, N, S; E = C, N; G				
	= C, S, N; X = S, O, etc.; Y = NH, etc.; R1 = (un)substituted, (partially or fully halogenated) alkyl, etc.; R2 is H, (partially or fully halogenated) alkyl, etc., when B is C or N; R3 is Ph, naphthyl, etc.,				
when	D is C or N; or R1R2 = fused Ph or pyridinyl ring; or R2R3 = fused Ph or pyridinyl ring; R4 is H, (partially or fully halogenated) alkyl when G is C or N; R5 is Ph, naphthyl, heteroaryl, etc.] are prepd. I inhibit				
prodn.	of cytokines involved in immunoregulation and inflammation such as interleukin-1 and tumor necrosis factor. Pyrazole deriv. II was prepd. from phenylhydrazine and 4,4-dimethyl-3-oxopentanenitrile. Compds. of this invention had IC50 < 10 .mu.M against TNF prodn. in an in vitro				
assay	using THP cells.				

IT 223724-64-9P 223724-65-0P 223724-67-2P
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 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic

preparation); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); USES (Uses)
(prepn. of arom. heterocyclic compds. as antiinflammatory agents)

RN 223724-64-9 CAPLUS

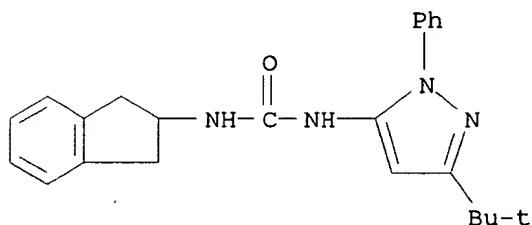
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RN 223724-65-0 CAPLUS

CN Urea,

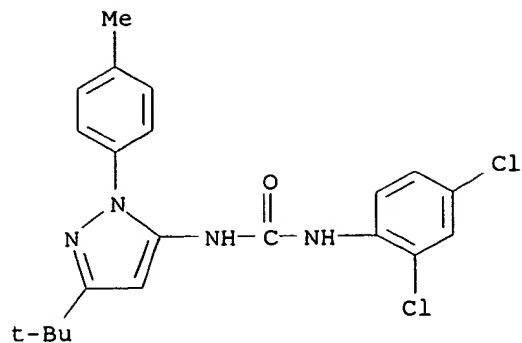
N-(2,3-dihydro-1H-inden-2-yl)-N'-[3-(1,1-dimethylethyl)-1-phenyl-1H-
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RN 223724-67-2 CAPLUS

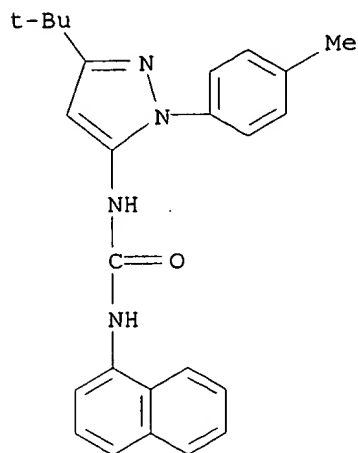
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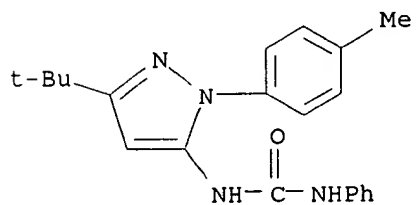
RN 223724-68-3 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-1-naphthalenyl- (9CI) (CA INDEX NAME)



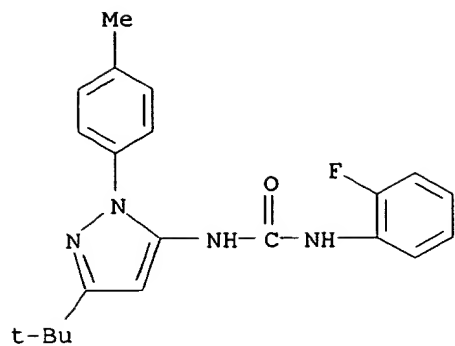
RN 223724-70-7 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-phenyl- (9CI) (CA INDEX NAME)



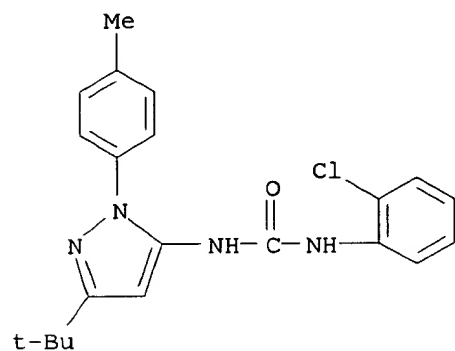
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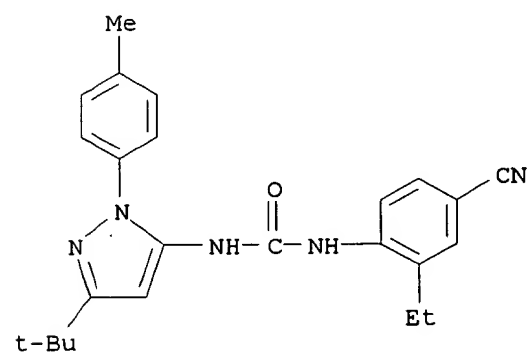
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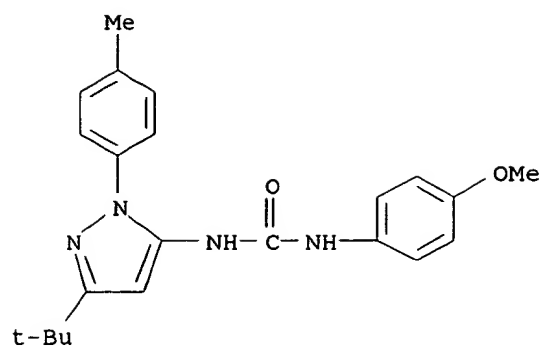
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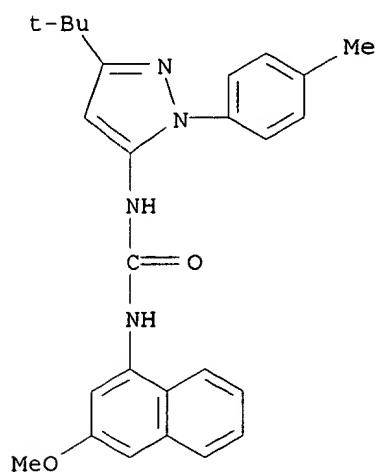
RN 223724-76-3 CAPLUS

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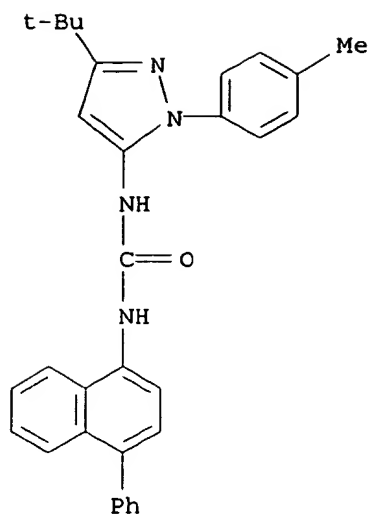
RN 223724-77-4 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-(3-methoxy-1-naphthalenyl)- (9CI) (CA INDEX NAME)



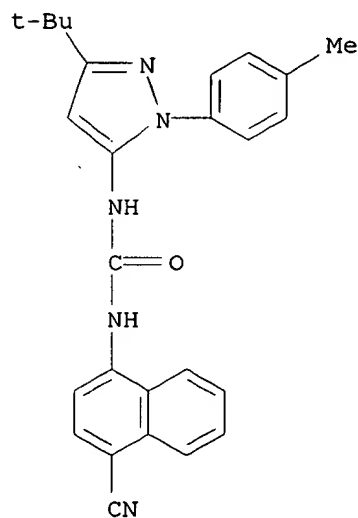
RN 223724-78-5 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-(4-phenyl-1-naphthalenyl)- (9CI) (CA INDEX NAME)



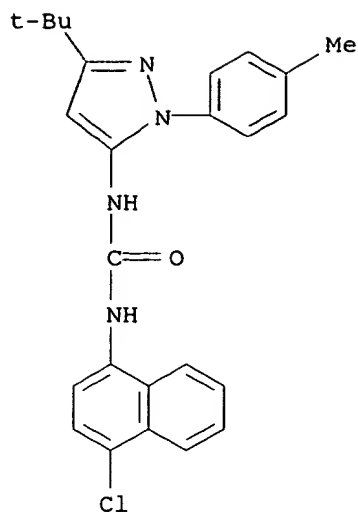
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CN Urea, N-(4-cyano-1-naphthalenyl)-N'-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



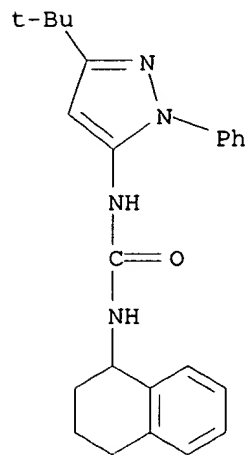
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CN Urea, N-(4-chloro-1-naphthalenyl)-N'-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 223724-82-1 CAPLUS

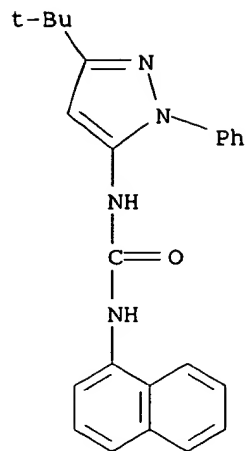
CN Urea, N-[3-(1,1-dimethylethyl)-1-phenyl-1H-pyrazol-5-yl]-N'-(1,2,3,4-tetrahydro-1-naphthalenyl)- (9CI) (CA INDEX NAME)



RN 223724-83-2 CAPLUS

CN Urea,

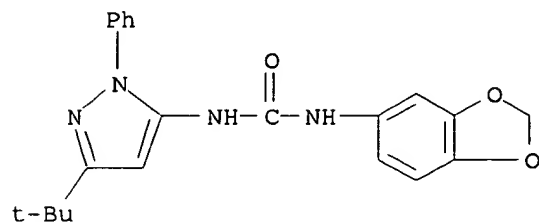
N-[3-(1,1-dimethylethyl)-1-phenyl-1H-pyrazol-5-yl]-N'-1-naphthalenyl-
(9CI) (CA INDEX NAME)



RN 223724-84-3 CAPLUS

CN Urea,

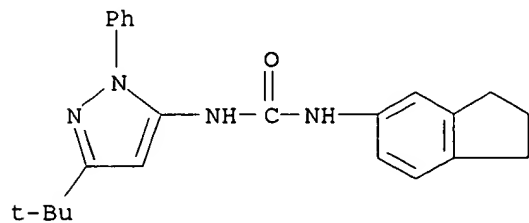
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RN 223724-85-4 CAPLUS

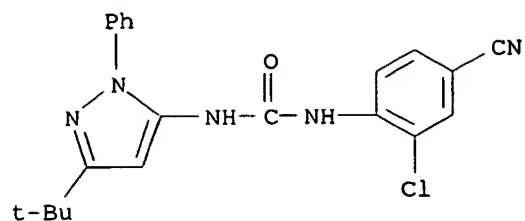
CN Urea,

N-(2,3-dihydro-1H-inden-5-yl)-N'-[3-(1,1-dimethylethyl)-1-phenyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



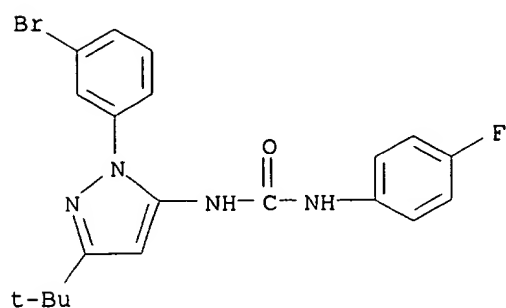
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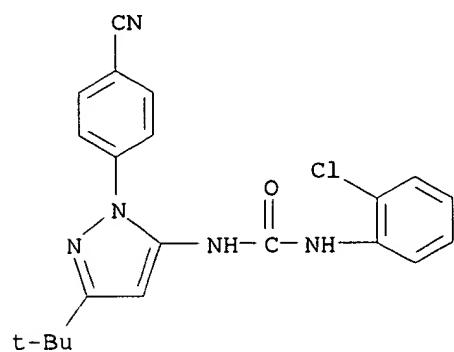
RN 223724-87-6 CAPLUS

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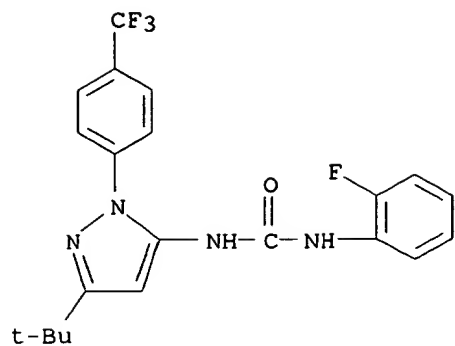
RN 223724-88-7 CAPLUS

CN Urea, N-(2-chlorophenyl)-N'-[1-(4-cyanophenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 223724-89-8 CAPLUS

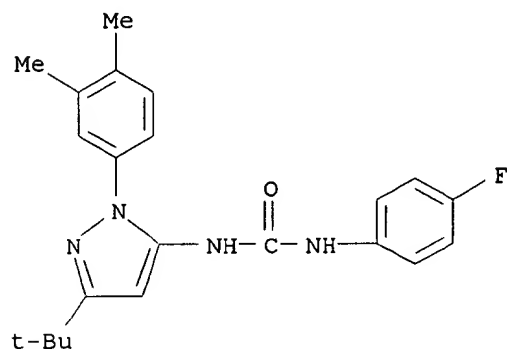
CN Urea, N-[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-5-yl]-N'-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 223724-90-1 CAPLUS

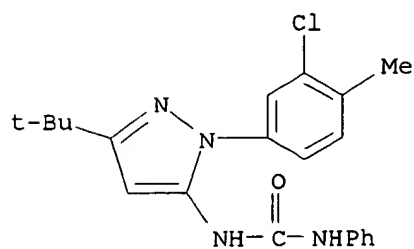
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N-[3-(1,1-dimethylethyl)-1-(3,4-dimethylphenyl)-1H-pyrazol-5-yl]-N'-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



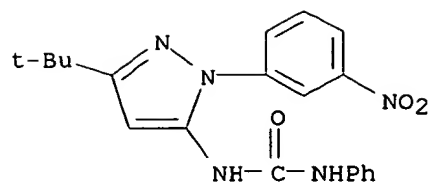
RN 223724-91-2 CAPLUS

CN Urea, N-[1-(3-chloro-4-methylphenyl)-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-phenyl- (9CI) (CA INDEX NAME)



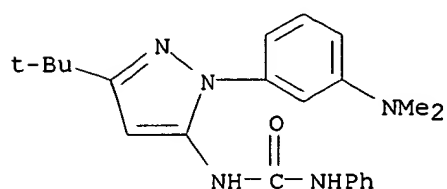
RN 223724-92-3 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(3-nitrophenyl)-1H-pyrazol-5-yl]-N'-phenyl- (9CI) (CA INDEX NAME)



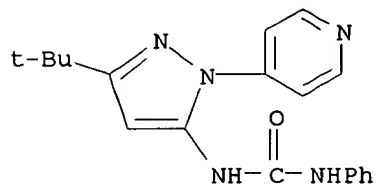
RN 223724-93-4 CAPLUS

CN Urea, N-[1-[3-(dimethylamino)phenyl]-3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-phenyl- (9CI) (CA INDEX NAME)



RN 223724-94-5 CAPLUS

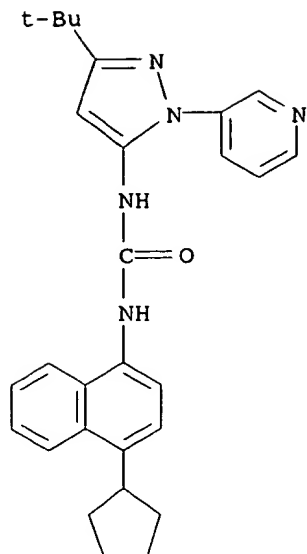
CN Urea,
N-[3-(1,1-dimethylethyl)-1-(4-pyridinyl)-1H-pyrazol-5-yl]-N'-phenyl-
(9CI) (CA INDEX NAME)



RN 223724-95-6 CAPLUS

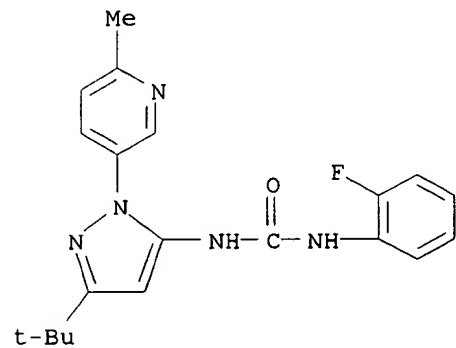
CN Urea, N-(4-cyclopentyl-1-naphthalenyl)-N'-[3-(1,1-dimethylethyl)-1-(3-pyridinyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

09/472,232



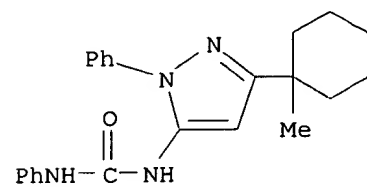
RN 223724-96-7 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]-N'-(2-fluorophenyl)- (9CI) (CA INDEX NAME)

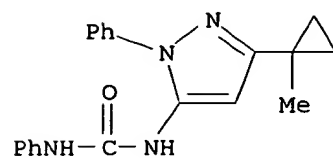


RN 223724-97-8 CAPLUS

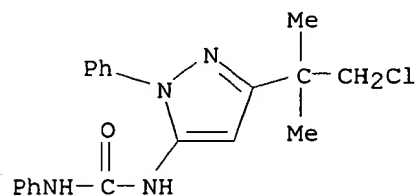
CN Urea, N-[3-(1-methylcyclohexyl)-1-phenyl-1H-pyrazol-5-yl]-N'-phenyl- (9CI)
(CA INDEX NAME)



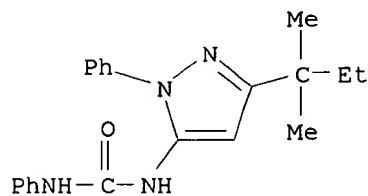
RN 223724-98-9 CAPLUS
 CN Urea, N-[3-(1-methylcyclopropyl)-1-phenyl-1H-pyrazol-5-yl]-N'-phenyl-
 (9CI) (CA INDEX NAME)



RN 223724-99-0 CAPLUS
 CN Urea, N-[3-(2-chloro-1,1-dimethylethyl)-1-phenyl-1H-pyrazol-5-yl]-N'-
 phenyl- (9CI) (CA INDEX NAME)

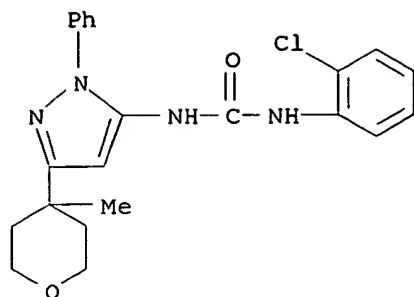


RN 223725-00-6 CAPLUS
 CN Urea, N-[3-(1,1-dimethylpropyl)-1-phenyl-1H-pyrazol-5-yl]-N'-phenyl-
 (9CI)
 (CA INDEX NAME)



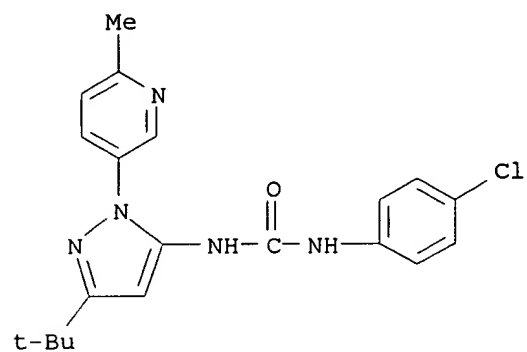
RN 223725-01-7 CAPLUS
 CN Urea, N-(2-chlorophenyl)-N'-[1-phenyl-3-(tetrahydro-4-methyl-2H-pyran-4-
 yl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

09/472,232



RN 223725-06-2 CAPLUS

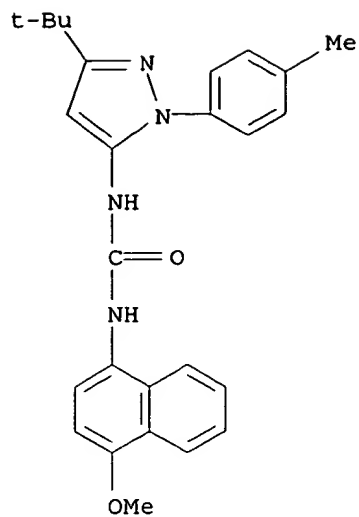
CN Urea, N-(4-chlorophenyl)-N'-[3-(1,1-dimethylethyl)-1-(6-methyl-3-pyridinyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 223725-07-3 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-(4-methylphenyl)-1H-pyrazol-5-yl]-N'-(4-methoxy-1-naphthalenyl)- (9CI) (CA INDEX NAME)

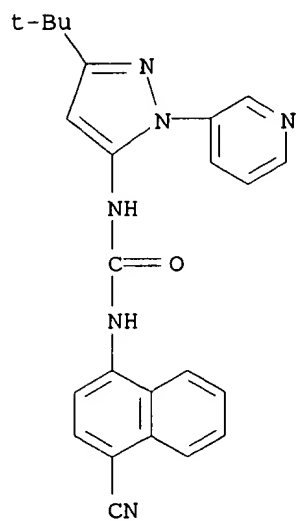
09/472,232



RN 223725-08-4 CAPLUS

CN Urea,

N-(4-cyano-1-naphthalenyl)-N'-[3-(1,1-dimethylethyl)-1-(3-pyridinyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RE.CNT 3

RE

(1) Merck & Co Inc; WO 9716442 A 1997 CAPLUS

(2) Oku, T; US 5624931 A 1997 CAPLUS

(3) Smithkline Beecham Corporation; WO 9621654 A 1996 CAPLUS

L6 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 1997:783658 CAPLUS

DN 128:48219

TI Preparation of pyrazolylureas as smooth muscle growth inhibitors

IN Hirota, Kohsaku; Sajiki, Hironao; Isobe, Yoshiaki; Ohba, Yoichi; Morita, Hiroyuki; Takaku, Haruo; Chiba, Nobuyoshi

PA Japan Energy Corp., Japan

SO Eur. Pat. Appl., 23 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 810217	A1	19971203	EP 1997-108606	19970528
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 10182615	A2	19980707	JP 1997-131056	19970521
	CA 2206201	AA	19971129	CA 1997-2206201	19970527
	US 5849779	A	19981215	US 1997-864076	19970528
PRAI	JP 1996-135574		19960529		
	JP 1996-281108		19961023		

OS MARPAT 128:48219

AB Title compds. [I; R1 = H, alkyl, CH2Ph, Ph; 1 of R6,R7 = NR3C(:X)NR4R5 and

the other = H; R2,R3 = H, alkyl, CH2Ph; R4,R5 = H, (cyclo)alkyl, alkenyl, CH2Ph, Ph; X = O or S] were prep'd. Thus, EtOCH:C(CN)CO2Et was cyclocondensed with H2NNH2 and the product N-alkylated by PhCH2Cl to give I (R1 = CH2Ph, R2 = Et, R7 = H) (II; R6 = NH2) which was N-acylated by PrNCO to give II (R6 = NHCONHPr). Data for biol. activity of I were given.

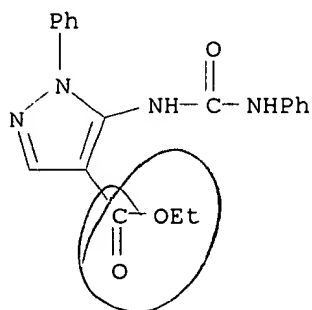
IT 61262-31-5P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrazolylureas as smooth muscle growth inhibitors)

RN 61262-31-5 CAPLUS

CN 1H-Pyrazole-4-carboxylic acid,
1-phenyl-5-[[(phenylamino)carbonyl]amino]-,
ethyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:311258 CAPLUS
 DN 127:5085
 TI Pyrazole derivatives as cannabinoid receptor agonists
 IN Barth, Francis; Casellas, Pierre; Congy, Christian; Martinez, Serge;
 Rinaldi, Murielle; Anne-Archard, Gilles
 PA Sanofi, Fr.
 SO U.S., 45 pp. Cont.-in-part of U.S. Ser. No. 168,237, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5624941	A	19970429	US 1994-348881	19941129
	FR 2692575	A1	19931224	FR 1992-7645	19920623
	FR 2692575	B1	19950630		
	FR 2713224	A1	19950609	FR 1993-14444	19931202
	FR 2713224	B1	19960301		
	FR 2713225	A1	19950609	FR 1994-8974	19940720
	FR 2713225	B1	19960301		
	ZA 9409342	A	19951009	ZA 1994-9342	19941124
	JP 2001026541	A2	20010130	JP 2000-238472	19941202
PRAI	FR 1992-7645		19920623		
	US 1993-79870		19930623		
	FR 1993-14444		19931202		
	US 1993-168237		19931217		
	FR 1994-8974		19940720		
	JP 1994-300016		19941202		

OS MARPAT 127:5085

AB Title compds. I [R, R1 = (un)substituted Ph; R2 = H, alkyl; R3 = amino, (un)substituted alkyl, cycloalkyl aryl, heterocyclic; X = bond, NR4, CH2NR4; R4 = H, alkyl] were prepd. and have cannabinoid receptor affinity (no data). Thus, 4-ClC6H4COEt was treated with EtO2CCO2Et to give 4-ClC6H4C(OLi):CMcOCO2Et which was cyclized with 2,4-Cl2C6H3NHNH2 to

give

I [R = 2,4-Cl2C6H3, R1 = 4-ClC6H4, R2 = Me, X = bond, R3 = OEt]. The ester was hydrozyled to the acid, converted to the chloride, and amidated with 1-aminopiperidine to give I [R = 2,4-Cl2C6H3, R1 = 4-ClC6H4, R2 =

Me,

X = bond, R3 = piperidinoamino].

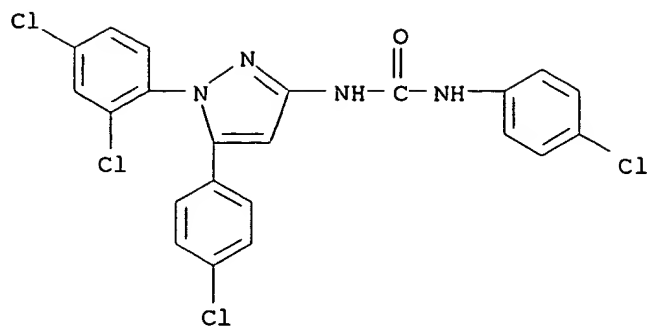
IT 158940-97-7P 158940-98-8P 158940-99-9P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of diarylpyrazoles as cannabinoid receptor agonists)

RN 158940-97-7 CAPLUS

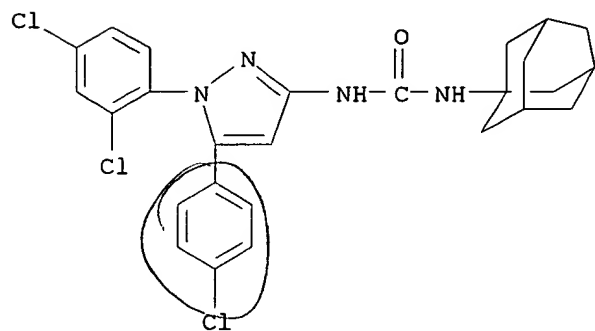
CN Urea,

N-(4-chlorophenyl)-N'-[5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



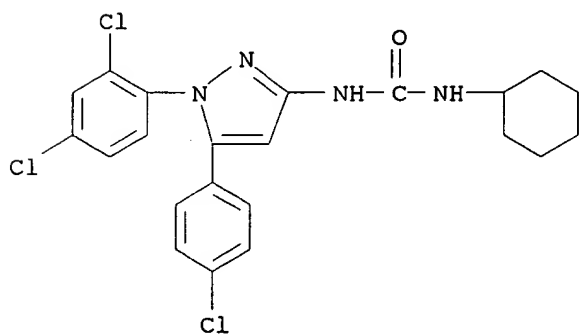
RN 158940-98-8 CAPLUS

CN Urea, N-[5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-1H-pyrazol-3-yl]-N'-tricyclo[3.3.1.3^{2,7}]dec-1-yl- (9CI) (CA INDEX NAME)

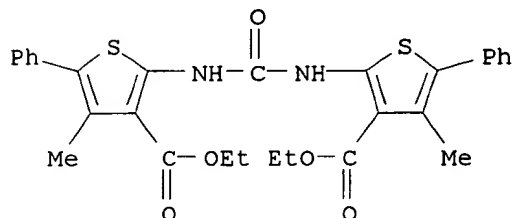


RN 158940-99-9 CAPLUS

CN Urea, N-[5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-1H-pyrazol-3-yl]-N'-cyclohexyl- (9CI) (CA INDEX NAME)



L6 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:235775 CAPLUS
 DN 125:10740
 TI Synthesis and reaction of some thienopyrimidine derivatives and some of their photooxidation
 AU Abdel Fattah, A. M.; Aly, A. S.; Abdel Motti, F.; Hassan, N. A.; Aly, H. A. H.
 CS Faculty Science, Cairo University, Cairo, Egypt
 SO Egypt. J. Chem. (1995), 38(6), 627-33
 CODEN: EGJCA3; ISSN: 0367-0422
 DT Journal
 LA English
 AB Thienopyrimidine I was prepd. by reacting Et 2-amino-4-methyl-5-phenylthiophene-3-carboxylate (II) with KSCN. II was also reacted with CS₂ to give (thienylthioureido)thiophene III (X = S). I and III (X = S) were photooxygenated to give dioxetanethienopyrimidine IV and III (X = O),
 resp.
 IT 177088-91-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of thienopyrimidine derivs. and their photooxidn.)
 RN 177088-91-4 CAPLUS
 CN 3-Thiophenecarboxylic acid, 2,2'-(carbonyldiimino)bis[4-methyl-5-phenyl-, diethyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:680631 CAPLUS
 DN 121:280631
 TI Preparation of pyrazole derivatives as cannabinoid receptor ligands
 IN Barth, Francis; Casellas, Pierre; Congy, Christian; Martinez, Serge;
 Carmona, Murielle
 PA Elf Sanofi, Fr.
 SO Eur. Pat. Appl., 66 pp.
 CODEN: EPXXDW
 DT Patent
 LA French
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 576357	A1	19931229	EP 1993-401614	19930623
	EP 576357	B1	19970305		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	FR 2692575	A1	19931224	FR 1992-7645	19920623
	FR 2692575	B1	19950630		
	BR 9302435	A	19940111	BR 1993-2435	19930621
	CA 2098944	AA	19931224	CA 1993-2098944	19930622
	NO 9302296	A	19931227	NO 1993-2296	19930622
	IL 106099	A1	19980715	IL 1993-106099	19930622
	RU 2119917	C1	19981010	RU 1993-49108	19930622
	AU 9341438	A1	19940106	AU 1993-41438	19930623
	AU 664281	B2	19951109		
	HU 64526	A2	19940128	HU 1993-1851	19930623
	ZA 9304511	A	19940222	ZA 1993-4511	19930623
	JP 06073014	A2	19940315	JP 1993-176049	19930623
	AT 149489	E	19970315	AT 1993-401614	19930623
	ES 2101258	T3	19970701	ES 1993-401614	19930623

PRAI FR 1992-7645 19920623

OS MARPAT 121:280631

AB Title compds. [I; R = NR1R2, R2[X = (CH2)xNR3], R5(X = bond); R1,R2 = alkyl, Ph, heterocyclyl, etc.; NR1R2 = heterocyclyl; R3,R4 = H, alkyl; R5 = (cyclo)alkyl, phenylalkyl, etc.; R6,R7 = (substituted)Ph; X = bond, (CH2)xNR3; x = 0 or 1] were prepd. as cannabinoid receptor ligands (no data). Thus, 4-ClC6H4COMe was condensed with CH2(CO2Et)2 in NaOMe/MeOH and the product condensed with 2,4-Cl2C6H3NHNH2 to give I (R4 = H, R6 = 2,4-Cl2C6H3, R7 = 4-ClC6H4, X = bond) (II; R = OMe) and the corresponding acid chloride (2 steps) was condensed with 2-adamantanamine to give II (R = 2-adamantyl).

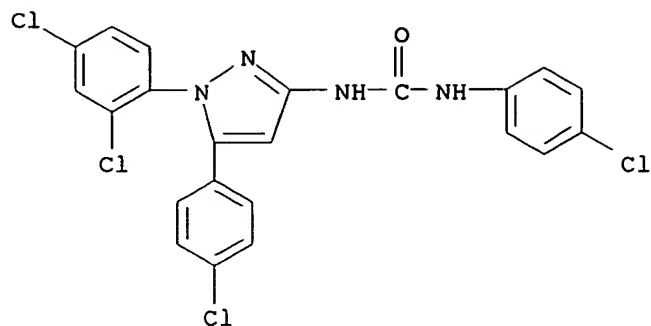
IT 158940-97-7P 158940-98-8P 158940-99-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as cannabinoid receptor ligand)

RN 158940-97-7 CAPLUS

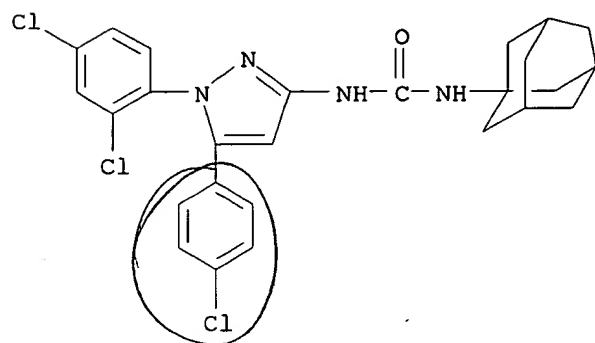
CN Urea,

N-(4-chlorophenyl)-N'-[5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



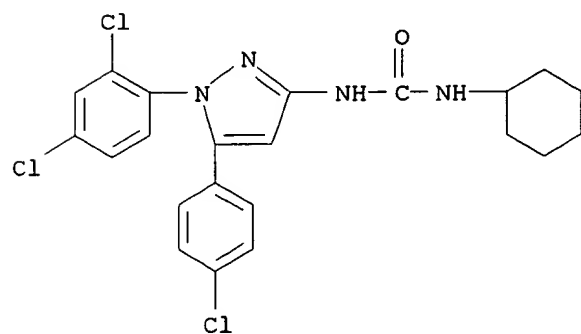
RN 158940-98-8 CAPLUS

CN Urea, N-[5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-1H-pyrazol-3-yl]-N'-tricyclo[3.3.1.3^{0,2}]-dec-1-yl- (9CI) (CA INDEX NAME)

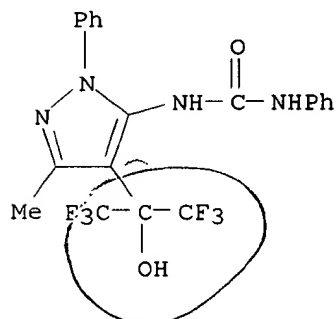


RN 158940-99-9 CAPLUS

CN Urea, N-[5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-1H-pyrazol-3-yl]-N'-cyclohexyl- (9CI) (CA INDEX NAME)

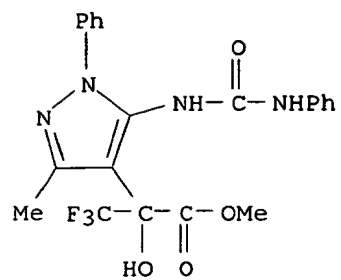


L6 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:106848 CAPLUS
 DN 120:106848
 TI Reactions of highly electrophilic polyfluorounsaturated compounds with pyrazole derivatives
 AU Golubev, A. S.; Tyutin, V. Yu.; Chkanikov, N. D.; Kolomietz, A. F.; Fokin, A. V.
 CS A. N. Nesmeyanov Inst. Organoelem. Compd., Moscow, 117813, Russia
 SO Izv. Akad. Nauk, Ser. Khim. (1992), (11), 2617-23
 CODEN: IASKEA
 DT Journal
 LA Russian
 AB Pyrazole derivs. were hydroxyalkylated at the C-4 atom by hexafluoroacetone and Me trifluoropyruvate to give pyrazoles I (R1 = R2 = H; R1 = Ph, R2 = Ph, Me). The products of hydroxyalkylation were dehydrated to the corresponding alkylidene derivs., which underwent reactions with nucleophilic reagents. Dicyanoethylenes obtained from polyfluorocarbonyl compds. alkylate pyrazol-5-ones to give pyranopyrazole derivs., e.g. II (R = CF3, CO2Me).
 IT **152450-60-7P 152450-61-8P**
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)
 RN 152450-60-7 CAPLUS
 CN Urea, N-[3-methyl-1-phenyl-4-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]-1H-pyrazol-5-yl]-N'-phenyl- (9CI) (CA INDEX NAME)
 NAME)



RN 152450-61-8 CAPLUS
 CN 1H-Pyrazole-4-acetic acid, .alpha.-hydroxy-3-methyl-1-phenyl-5-[[[(phenylamino)carbonyl]amino]-.alpha.-(trifluoromethyl)-, methyl ester (9CI) (CA INDEX NAME)

09/472,232



L6 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 1993:147556 CAPLUS

DN 118:147556

TI Preparation of N-azolyl-N'-phenyl(thio)ureas as cholesterol
acyltransferase inhibitors

IN Creswell, Mark W.; White, Andrew D.

PA Warner-Lambert Co., USA

SO U.S., 13 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5162360	A	19921110	US 1991-719878	19910624
OS	MARPAT 118:147556				
AB	RNHC(:X)NHR13 [R = (substituted) Ph; R13 = (substituted) azolyl; X = O, S]				

were prepd. Thus, tetradecyne was condensed with PhOCN and the resultant Me(CH₂)₁₁C.tplbond.CCN was cyclocondensed with H₂NOH to give 5-amino-3-dodecylisoxazole, which was condensed with 2,6-(Me₂HC)2C₆H₃NCO to give title compd. I (R₁₂ = dodecyl). I (R₁₂ = undecyl) gave 67% redn. in blood cholesterol in rats receiving 3 mg/kg orally.

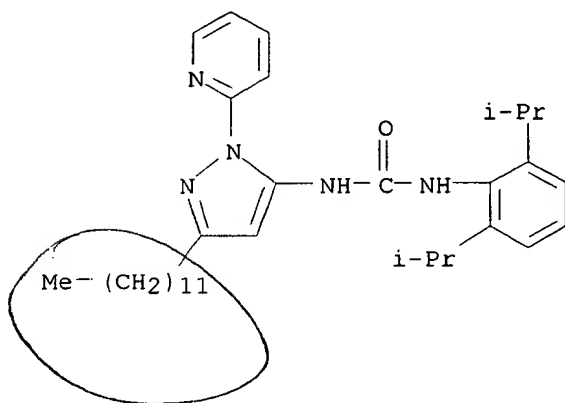
IT 146134-93-2P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of, as cholesterol acyltransferase inhibitor)

RN 146134-93-2 CAPLUS

CN Urea, N-[2,6-bis(1-methylethyl)phenyl]-N'-[3-dodecyl-1-(2-pyridinyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

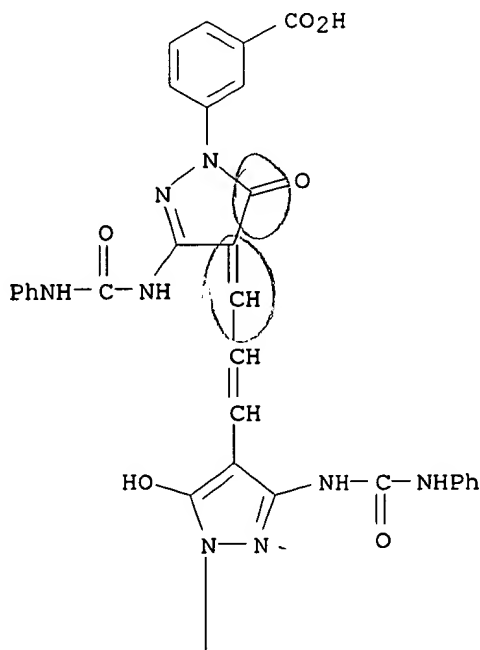


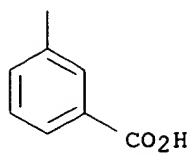
L6 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:112878 CAPLUS
 DN 118:112878
 TI Silver halide photographic material
 IN Yamada, Taketoshi; Nakamura, Hiroshi; Aritomi, Yuji
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 28 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04194926	A2	19920714	JP 1990-327401	19901127
AB	The title material comprises a support having thereon an elec. conductive layer contg. an ionic polymer or a metal oxide and one or more photog. constituent layers contg. a dispersion of a compd. represented by I. For I, R1, R2 = a substituent group; R3, R4 = m-carboxyphenyl, o-carboxyphenyl, carboxyalkyl, etc.; L1-L5 = a methine group; n, m = 0 or 1. The title material shows high storage stability.				
IT	139053-18-2 RL: TEM (Technical or engineered material use); USES (Uses) (photog. material contg.)				
RN	139053-18-2 CAPLUS				
CN	Benzoic acid, 3-[4-[3-[1-(3-carboxyphenyl)-1,5-dihydro-5-oxo-3-				

[[(phenylamino)carbonyl]amino]-4H-pyrazol-4-ylidene]-1-propenyl]-5-hydroxy-
 3-[[(phenylamino)carbonyl]amino]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

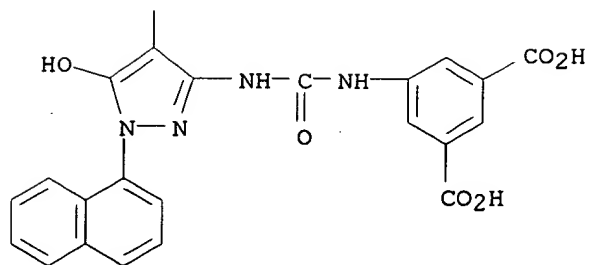
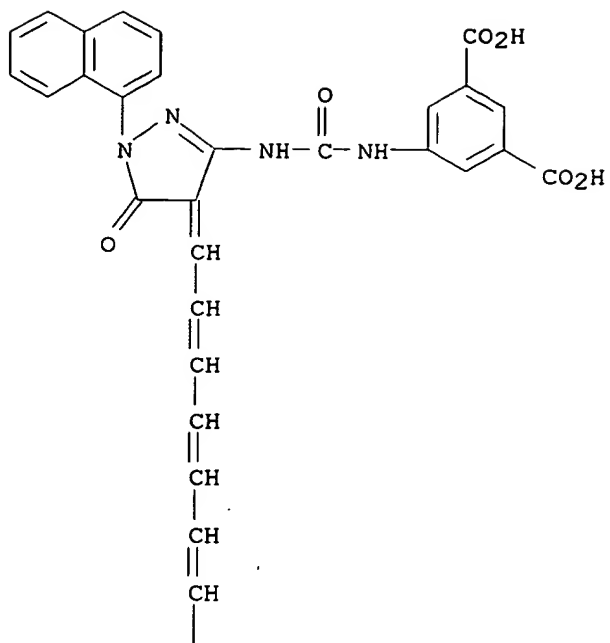
PAGE 1-A





L6 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:661532 CAPLUS
 DN 117:261532
 TI Silver halide photographic material
 IN Takemura, Kumiko
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 26 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04138449	A2	19920512	JP 1990-262405	19900928
	JP 2829672	B2	19981125		
AB	In the title material comprising a support having thereon one or more photosensitive Ag halide emulsion layers, one of the Ag halide emulsion layers contains tabular Ag halide particles with an aspect ratio of 2 to 8. At least one of the constituent layers in the title material contains dextran or a latex. The title material comprises a protecting layer contg. a dispersion of an IR dye. The title material shows excellent photog. characteristics.				
IT	143805-30-5				
	RL: TEM (Technical or engineered material use); USES (Uses) (silver halide photog. materials contg.)				
RN	143805-30-5 CAPLUS				
CN	1,3-Benzenedicarboxylic acid, 5-[[[4-[7-[3-[[[(3,5-dicarboxyphenyl) amino]carbonyl]amino]-1,5-dihydro-1-(1-naphthalenyl)-5-oxo-4H-pyrazol-4-ylidene]-1,3,5-heptatrienyl]-5-hydroxy-1-(1-naphthalenyl)-1H-pyrazol-3-yl]amino]carbonyl]amino]- (9CI) (CA INDEX NAME)				



L6 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 1992:531193 CAPLUS

DN 117:131193

TI Preparation of 5-amino-4-cyanopyrazoles as herbicide safeners

IN Hagen, Helmut; Nilz, Gerhard; Walter, Helmut; Landes, Andreas

PA BASF A.-G., Germany

SO Ger. Offen., 29 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4039733	A1	19920617	DE 1990-4039733	19901213
	CA 2097418	AA	19920613	CA 1991-2097418	19911203
	WO 9210480	A1	19920625	WO 1991-EP2286	19911203
	W: CA, HU, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE				
	EP 561836	A1	19930929	EP 1991-920744	19911203
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI				
	JP 06503069	T2	19940407	JP 1991-518699	19911203
	HU 65435	A2	19940628	HU 1993-1720	19911203
	US 5486618	A	19960123	US 1993-70386	19930607

PRAI DE 1990-4039733 19901213

WO 1991-EP2286 19911203

OS MARPAT 117:131193

AB Title compds. [I; R1 = alkyl, hydroxyalkyl, (substituted) Ph; R2 = H, (halo)alkyl; R3 = cyano, COR8, CSR8; R8 = OH, alkoxy, amino; R4, R5 = H, alkyl, PX(OR1)2, SO2R1, CXNH CYR1, etc.; X, Y = O, S] were prep'd. Thus, 1-phenyl-4-cyano-5-aminopyrazole, pyridine, and MeCH2CH2COC1 were kept 15 h at 50.degree. to give 50% 1-phenyl-4-cyano-5-butyroylaminopyrazole. Title compd. II at 0.06 kg/ha reduced damage to Zea mays caused by herbicide III at 0.06 kg/ha from 40% to 10%.

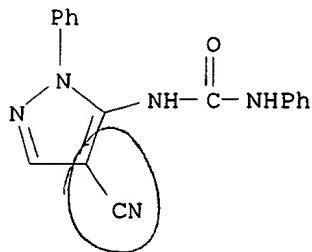
IT **142892-90-8P**

RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of, as herbicide safener)

RN 142892-90-8 CAPLUS

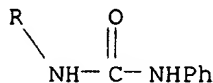
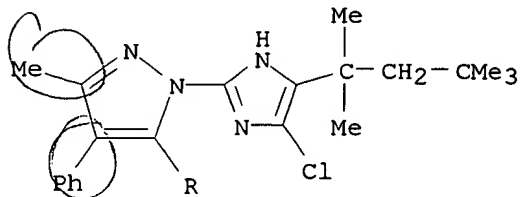
CN Urea, N-(4-cyano-1-phenyl-1H-pyrazol-5-yl)-N'-phenyl- (9CI) (CA INDEX NAME)



L6 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:139964 CAPLUS
 DN 116:139964
 TI A silver halide photographic light-sensitive material containing a novel cyan coupler
 IN Uchida, Takashi; Masukawa, Toyooki; Nakayama, Noritaka
 PA Konica Co., Japan
 SO Eur. Pat. Appl., 22 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 410225	A1	19910130	EP 1990-113388	19900712
	R: DE, GB				
	JP 03048243	A2	19910301	JP 1989-182568	19890717
	JP 2732127	B2	19980325		
	US 5051347	A	19910924	US 1990-549273	19900706
PRAI	JP 1989-182568		19890717		

OS MARPAT 116:139964
 AB A Ag halide photog. light-sensitive material contains an imidazole cyan coupler represented by formula I, wherein A represents an org. group; X represents a H atom or a group capable of splitting off upon a reaction with an oxidn. product of a color-developing agent; Z represents the group of atoms capable of forming a 5- or 6-membered heterocyclic ring together with C and N atoms; Y represents a linkage group; and R represents a H atom or an org. group.
 IT **138614-81-0**
 RL: USES (Uses)
 (cyan coupler, for silver halide photog. light-sensitive material)
 RN 138614-81-0 CAPLUS
 CN Urea, N-[1-[4-chloro-5-(1,1,3,3-tetramethylbutyl)-1H-imidazol-2-yl]-3-methyl-4-phenyl-1H-pyrazol-5-yl]-N'-phenyl- (9CI) (CA INDEX NAME)

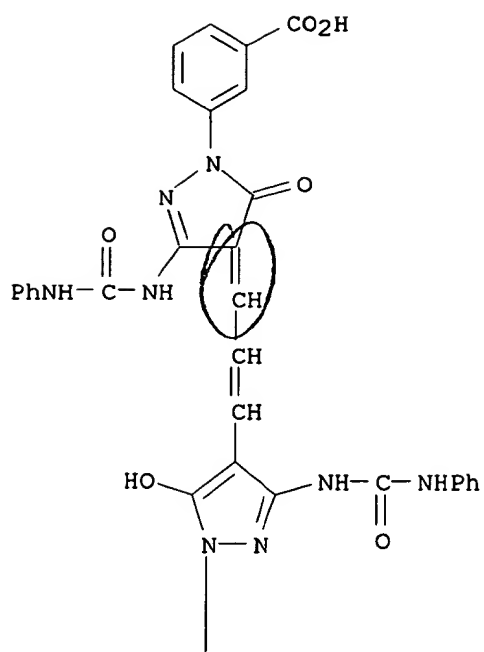


L6 ANSWER 20 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:95630 CAPLUS
 DN 116:95630
 TI Silver halide photographic material containing bispyrazolone dye
 IN Kawashima, Yasuhiko; Usagawa, Yasushi; Kagawa, Nobuaki
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 14 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

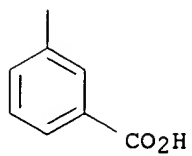
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 03194544	A2	19910826	JP 1989-335570	19891225
	JP 3038391	B2	20000508		

AB The material has on a support .gtoreq.1 component layer contg. solid fine particle dispersion of (I; R1, R2 = substituent; R3, R4 = m- or o-carboxyphenyl, Z1-Z5 = methine; m, n = 0, 1). The photog. film with a crossover cutting layer contg. I (R1 = R2 = Me, R3 = R4 = m-carboxyphenyl, m = 0, n = 1, Z1-Z3 = CH) showed good storage stability and high sensitivity without fog.
 IT **139053-18-2**
 RL: USES (Uses)
 (photog. film contg., for good storage stability)
 RN 139053-18-2 CAPLUS
 CN Benzoic acid, 3-[4-[3-[1-(3-carboxyphenyl)-1,5-dihydro-5-oxo-3-[[(phenylamino)carbonyl]amino]-4H-pyrazol-4-ylidene]-1-propenyl]-5-hydroxy-3-[[(phenylamino)carbonyl]amino]-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

PAGE 1-A



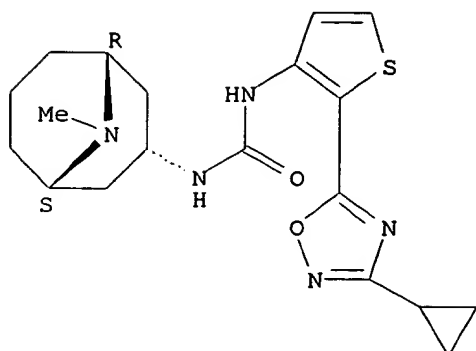
PAGE 2-A



L6 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:679800 CAPLUS
 DN 115:279800
 TI Preparation of substituted thienylureas and -thioureas as CNS agents
 IN Hansen, Jan Bondo
 PA Novo-Nordisk A/S, Den.
 SO PCT Int. Appl., 19 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9112254	A1	19910822	WO 1991-DK44	19910215
	W: AU, CA, FI, HU, JP, KR, NO, PL				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	US 5187164	A	19930216	US 1991-650143	19910204
	ZA 9101103	A	19911127	ZA 1991-1103	19910214
	CA 2074803	AA	19910817	CA 1991-2074803	19910215
	AU 9173409	A1	19910903	AU 1991-73409	19910215
	AU 648066	B2	19940414		
	EP 515537	A1	19921202	EP 1991-905032	19910215
	EP 515537	B1	19970730		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 05504358	T2	19930708	JP 1991-504586	19910215
	AT 156128	E	19970815	AT 1991-905032	19910215
	IL 97429	A1	19960131	IL 1991-97429	19910305
	FI 9203475	A	19920731	FI 1992-3475	19920731
	NO 9203194	A	19920814	NO 1992-3194	19920814
	US 5290795	A	19940301	US 1992-931229	19920817
PRAI	DK 1990-408		19900216		
	US 1991-650143		19910204		
	WO 1991-DK44		19910215		
OS	MARPAT 115:279800				
AB	Thienyl-substituted ureas and thioureas RNHC(:X)NR1R2 [I; R = 2- or 3-thienyl substituted by (substituted) oxadiazolyl; R1 = azabicycloalkyl group Q1-Q3; n = 2, 3; p = 1, 2; q, r = 1-3; R4, R5 = H, C1-7 alkyl, C3-6 cycloalkyl, etc.; R2 = H, lower alkyl; X = O, S] were prep'd. as CNS agents with 5-HT3 receptor antagonist activity. Thus, n-butylcarboxamidoxime was cyclocondensed with Me 3-aminothiophene-2-carboxylate to give 3-amino-2-(3-n-butyl-1,2,4-oxadiazol-5-yl)thiophene. This was condensed with phosgene and the product was treated with endo-3-amino-9-methyl-9-azabicyclo[3.3.1]nonane to give title comp'd. II. The IC50 of II for 3H-quipazine binding to 5-HT3 receptors on N1E-115 neuroblastoma cells was 2.3 nM.				
IT	137715-54-9P 137715-57-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of, as CNS agent)				
RN	137715-54-9 CAPLUS				
CN	Urea,				
	N-[2-(3-cyclopropyl-1,2,4-oxadiazol-5-yl)-3-thienyl]-N'-(9-methyl-9-azabicyclo[3.3.1]non-3-yl)-, endo- (9CI) (CA INDEX NAME)				

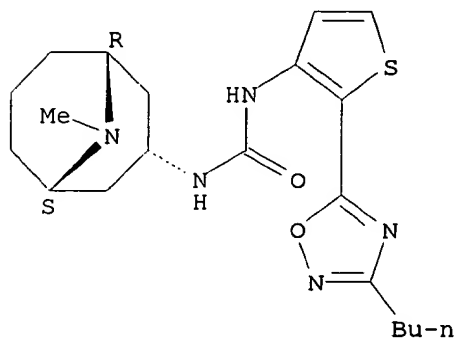
Relative stereochemistry.



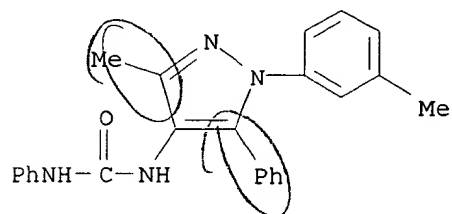
RN 137715-57-2 CAPLUS

CN Urea, N-[2-(3-butyl-1,2,4-oxadiazol-5-yl)-3-thienyl]-N'-(9-methyl-9-azabicyclo[3.3.1]non-3-yl)-, endo- (9CI) (CA INDEX NAME)

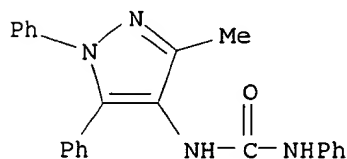
Relative stereochemistry.



L6 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1990:20931 CAPLUS
 DN 112:20931
 TI Synthesis of 1,5-diaryl-3-methyl-1H-pyrazolo[4,5-c]isoquinolines and studies of binding to specific peripheral benzodiazepine binding sites
 AU Cecchi, Lucia; Colotta, Vittoria; Melani, Fabrizio; Palazzino, Giovanna; Filacchioni, Guido; Martini, Claudia; Giannaccini, Gino; Lucacchini, Antonio
 CS Dip. Sci. Farm., Univ. Firenze, Florence, 50121, Italy
 SO J. Pharm. Sci. (1989), 78(6), 437-42
 CODEN: JPMSAE; ISSN: 0022-3549
 DT Journal
 LA English
 OS CASREACT 112:20931
 AB Title compds. I (R = H, Me, Cl; R1 = H, Cl; X = CH, N) and II (R2 = Ph, 2-ClC6H4) were synthesized and tested for their ability to displace [3H]clonazepam or [3H]Ro 5-4864 from their specific binding on the central and peripheral benzodiazepine receptors. None of the tested compds. showed any activity as central binding inhibitors, while most of them were specific as peripheral binding inhibitors, although they were not very potent.
 IT **124292-83-7P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and thermolysis of, dipyrazoleurea from)
 RN (124292-83-7 CAPLUS
 CN Urea, N-[3-methyl-1-(3-methylphenyl)-5-phenyl-1H-pyrazol-4-yl]-N'-phenyl- (9CI) (CA INDEX NAME)



IT **124292-78-0P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and thermolysis of, dipyrazolylurea from)
 RN 124292-78-0 CAPLUS
 CN Urea, N-(3-methyl-1,5-diphenyl-1H-pyrazol-4-yl)-N'-phenyl- (9CI) (CA INDEX NAME)

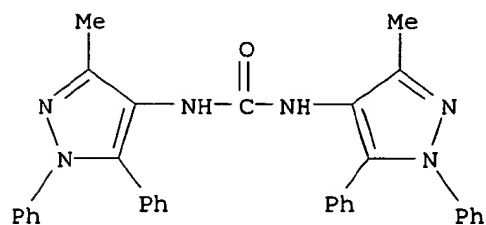


IT 124292-79-1P 124292-84-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

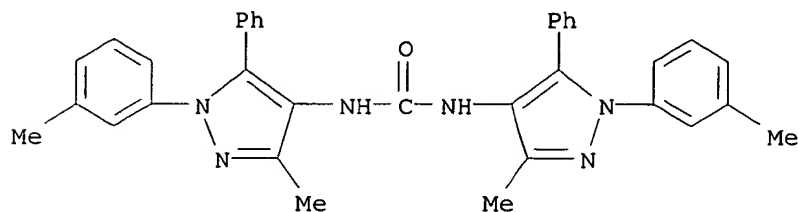
RN 124292-79-1 CAPLUS

CN Urea, N,N'-bis(3-methyl-1,5-diphenyl-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)



RN 124292-84-8 CAPLUS

CN Urea, N,N'-bis[3-methyl-1-(3-methylphenyl)-5-phenyl-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



L6 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1987:423224 CAPLUS
 DN 107:23224
 TI Thienylureas and -isoureas and their preparation and use as growth
 promoters for animals
 IN Hallenbach, Werner; Lindel, Hans; Berschauer, Friedrich; Scheer, Martin;
 De Jong, Arno
 PA Bayer A.-G. , Fed. Rep. Ger.
 SO Ger. Offen., 79 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3529247	A1	19861120	DE 1985-3529247	19850816
	EP 202538	A1	19861126	EP 1986-106209	19860506
	EP 202538	B1	19881228		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	AT 39404	E	19890115	AT 1986-106209	19860506
	AU 8657217	A1	19861120	AU 1986-57217	19860507
	JP 61268678	A2	19861128	JP 1986-109713	19860515
	DK 8602300	A	19861118	DK 1986-2300	19860516
	BR 8602224	A	19870113	BR 1986-2224	19860516
	ZA 8603645	A	19870128	ZA 1986-3645	19860516
	HU 41244	A2	19870428	HU 1986-2086	19860516
	ES 555052	A1	19880216	ES 1986-555052	19860516
	CS 258481	B2	19880816	CS 1986-3569	19860516
	FI 8602201	A	19861118	FI 1986-2201	19860526

PRAI DE 1985-3517706 19850517
 DE 1985-3529247 19850816
 EP 1986-106209 19860506

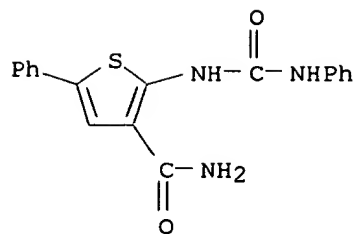
AB Title compds. I [A = NR4CONR5R6, NR4C(OR5):NR6; R1, R2 = H, halo, NO2,
 CN, (halo)alkoxy, (halo)alkylthio, alkoxyalkyl, (un)substituted acyl, aroyl,
 alkyl, aryl; R1R2 complete a(n) (un)substituted carbocyclic or
 heterocyclic ring, optionally with a carbonyl function; R3 = CN, CO2R7,
 CONR8R9, COR10; R4 = H, alkyl; R5,R6 = H, (un)substituted alkyl,
 cycloalkyl, alkenyl, aryl, heteroaryl; R7 = H, (un)substituted alkyl,
 cycloalkyl, alkenyl, aryl; R8 = H, alkyl, cycloalkyl; R9, R10 =
 (un)substituted alkyl or aryl], useful as growth promoters for animals,
 were prepd. by 3 methods. 2-Aminotetrahydrobenzothiophene-3-carboxamide
 and MeNCO in CHCl3 were refluxed 24 h to give 95% II. Rats fed with 10
 ppm II mixed in their feed gained 14% more wt. than the controls.

IT 106666-35-7P 106666-45-9P 106666-53-9P
 106666-58-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as animal growth promoter)

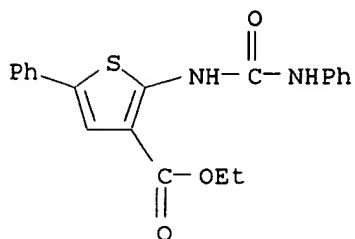
RN 106666-35-7 CAPLUS

CN 3-Thiophenecarboxamide, 5-phenyl-2-[(phenylamino)carbonyl]amino]- (9CI)
 (CA INDEX NAME)



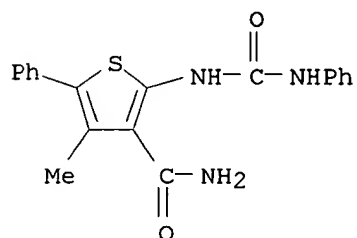
RN 106666-45-9 CAPLUS

CN 3-Thiophenecarboxylic acid, 5-phenyl-2-[[[(phenylamino)carbonyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



RN 106666-53-9 CAPLUS

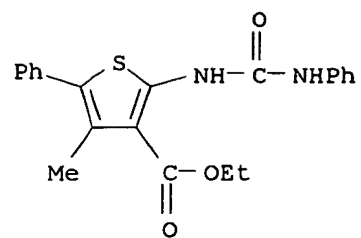
CN 3-Thiophenecarboxamide, 4-methyl-5-phenyl-2-[[[(phenylamino)carbonyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



RN 106666-58-4 CAPLUS

CN 3-Thiophenecarboxylic acid, 4-methyl-5-phenyl-2-[[[(phenylamino)carbonyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

09/472,232



L6 ANSWER 24 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1987:83475 CAPLUS
 DN 106:83475
 TI Productivity-increasing agents for livestock
 IN Hallenbach, Werner; Lindel, Hans; Berschauer, Friedrich; Scheer, Martin;
 De Jong, Anno
 PA Bayer A.-G. , Fed. Rep. Ger.
 SO Eur. Pat. Appl., 80 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 202538	A1	19861126	EP 1986-106209	19860506
	EP 202538	B1	19881228		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	DE 3529247	A1	19861120	DE 1985-3529247	19850816
	AT 39404	E	19890115	AT 1986-106209	19860506
PRAI	DE 1985-3517706		19850517		
	DE 1985-3529247		19850816		
	EP 1986-106209		19860506		

AB Productivity-increasing agents for livestock comprise thienylurea or thienylisourea derivs. I (A = NH₂, NCO, NR₄CONR₅R₆, NHR₄, NR₄C(OR₅)NR₆; R₁, R₂ = H, halogen, nitro, CN, (un)substituted alkyl, aryl, etc.; R₃ = CN, COOR₇, CONR₈R₉, COR₁₀; R₄ = H, alkyl; R₅, R₆ = H, substituted alkyl, cycloalkyl, alkenyl, aryl, heteroaryl; R₇ = H, substituted alkyl, cycloalkyl, alkenyl, aryl; R₈ = H, alkyl, cycloalkyl; R₉ = H, substituted alkyl or aryl; R₁₀ = substituted alkyl or aryl). Thus, 218 thienylurea and thienylisourea compds. were prepd. N-Butyl-N'-(3-methoxycarbonyltetrahydrobenzothien-2-yl)urea, given to rats at 25 ppm.

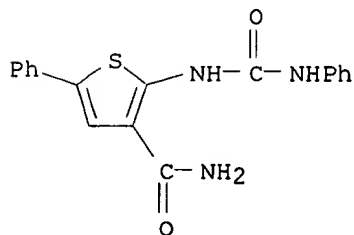
in their feed for 13 days increased wt. gain by 13% over that of control rats.

IT 106666-35-7P 106666-45-9P 106666-53-9P
 106666-58-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BIOL (Biological study); PREP (Preparation); USES (Uses).
 (prepn. of, as livestock productivity-increasing agent)

RN 106666-35-7 CAPLUS

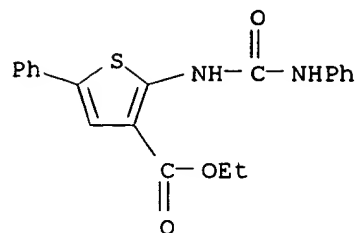
CN 3-Thiophenecarboxamide, 5-phenyl-2-[(phenylamino)carbonyl]amino]- (9CI)
 (CA INDEX NAME)



RN 106666-45-9 CAPLUS

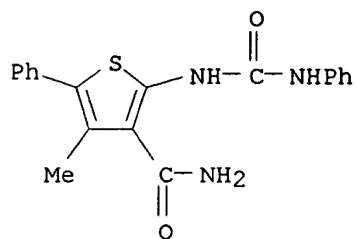
09/472,232

CN 3-Thiophenecarboxylic acid, 5-phenyl-2-[[(phenylamino) carbonyl] amino]-, ethyl ester (9CI) (CA INDEX NAME)



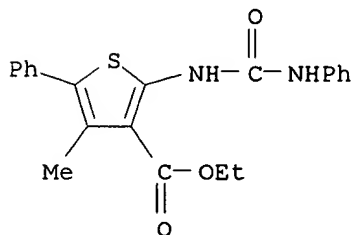
RN 106666-53-9 CAPLUS

CN 3-Thiophenecarboxamide, 4-methyl-5-phenyl-2-[[(phenylamino) carbonyl] amino]- (9CI) (CA INDEX NAME)

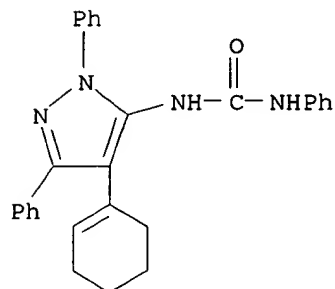


RN 106666-58-4 CAPLUS

CN 3-Thiophenecarboxylic acid, 4-methyl-5-phenyl-2-[[(phenylamino) carbonyl] amino]-, ethyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 25 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1985:437407 CAPLUS
 DN 103:37407
 TI Easy synthesis of new ring-fused pyridones from heteroaromatic
 .beta.-vinylamines
 AU Winters, G.; Sala, A.; De Paoli, A.; Ferri, V.
 CS Res. Lab., DOW-Lepetit, Milan, I-20158, Italy
 SO Synthesis (1984), (12), 1052-4
 CODEN: SYNTBF; ISSN: 0039-7881
 DT Journal
 LA English
 AB Cyclization of pyrazoles I (R1, R2 = Me, Ph; X = -, CH2, CH2CH2, NAc,
 NMe) with RNCO (R = Ph, Et) gave 75-98% cycloalkapyrazolopyridines II (Z =
 NR1). Similarly prepd. were II (Z = O).
 IT **97139-76-9P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and cyclization of)
 RN 97139-76-9 CAPLUS
 CN Urea, N-[4-(1-cyclohexen-1-yl)-1,3-diphenyl-1H-pyrazol-5-yl]-N'-phenyl-
 (9CI) (CA INDEX NAME)



L6 ANSWER 26 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1985:195067 CAPLUS
 DN 102:195067
 TI Silver halide color photographic material
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 24 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59214853	A2	19841204	JP 1983-90411	19830523
	JP 05019138	B4	19930315		
	US 4647527	A	19870303	US 1984-612837	19840522
PRAI	JP 1983-90411		19830523		

AB Ag halide color photog. film has a unit of photosensitive layers selected from those which comprise (1) a blue and green sensitive Ag halide emulsion layer contg. a yellow (Y) image-forming coupler, a magenta (M) image-forming coupler, and a cyan (C) colored coupler and a green and red sensitive Ag halide emulsion layer contg. C coupler, M coupler, and Y colored coupler, (2) a blue and red sensitive Ag halide layer contg. Y coupler, C coupler, and M colored coupler and a green and red sensitive

Ag halide layer contg. M coupler, C coupler, and Y colored coupler, and (3)

a blue and green sensitive Ag halide layer contg. M coupler, Y coupler, and C colored coupler and a blue and red sensitive Ag halide layer contg. C coupler, Y coupler, and M colored coupler. The material has ultrahigh photog. sensitivity together with good image granularity.

IT 96155-79-2

RL: USES (Uses)

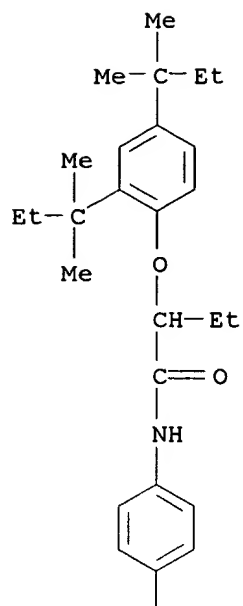
(color diffusion-transfer photog. film assembly contg. color coupler of)

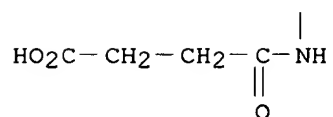
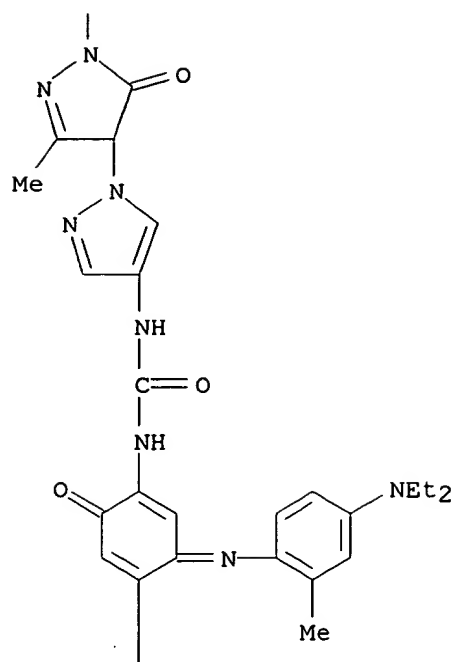
RN 96155-79-2 CAPLUS

CN Butanoic acid,

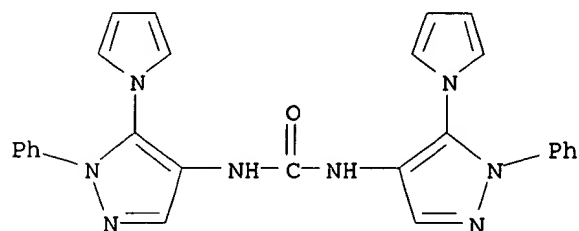
4-[[4-[[[1'-[4-[[2-[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-

oxobutyl]amino]phenyl]-4',5'-dihydro-3'-methyl-5'-oxo[1,4'-bi-1H-pyrazol]-4-yl]amino]carbonyl]amino]-6-[[4-(diethylamino)-2-methylphenyl]imino]-3-oxo-1,4-cyclohexadien-1-yl]amino]-4-oxo- (9CI) (CA INDEX NAME)

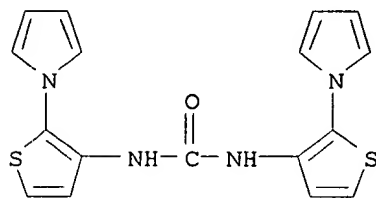




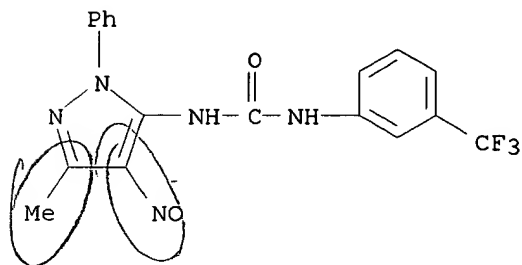
L6 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2001 ACS
AN 1985:78836 CAPLUS
DN 102:78836
TI New condensed tri- and tetracyclic pyrazole ring systems
AU Svetlik, Jan
CS Drug Res. Inst., Bratislava, 811 04, Czech.
SO Heterocycles (1984), 22(11), 2513-16
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English
AB 1-Phenylpyrazolo[4,3-e]pyrrolo[1,2-a]pyrazine (I, X = CH) and its 5-aza analog (I, X = N) were prepd. from Et 5-amino-1-phenylpyrazole-4-carboxylate. Addnl. azole ring annelations on the pyrazine part of the first heterocycle afforded new tetracyclic systems with two common N atoms.
IT **94692-13-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and cyclization. of)
RN 94692-13-4 CAPLUS
CN Urea, N,N'-bis[1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



L6 ANSWER 28 OF 35 CAPLUS COPYRIGHT 2001 ACS
AN 1983:422425 CAPLUS
DN 99:22425
TI Pyrrolothienopyrazines: synthesis of pyrrolo[1,2-a]thieno[3,2-e]pyrazine
and pyrrolo[1,2-a]thieno[2,3-e]pyrazine
AU Rault, Sylvain; Effi, Yamen; Cugnon de Sevracourt, Michel; Lancelot,
Jean-Charles; Robba, Max
CS Lab. Chim. Therapeut., Univ. Caen, Caen, 14032, Fr.
SO J. Heterocycl. Chem. (1983), 20(1), 17-21
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA French
AB The title compds. (I, II) were prepd. by cyclization of 2- (and 3-)
(1-pyrrolyl)-3- (and -2)-thienylamines e.g., III, with HCO₂H or by
cleavage of the corresponding ureas. An original way giving better
results was also studied via a Curtius rearrangement by reaction between
the azide and aldehyde groupings. The synthesis of 2 (and
3)-(2-formyl-1-pyrrolyl)-2 (and -3)-thenoylazide is described.
IT **86267-93-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 86267-93-8 CAPLUS
CN Urea, N,N'-bis[2-(1H-pyrrol-1-yl)-3-thienyl]- (9CI) (CA INDEX NAME)



L6 ANSWER 29 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1982:142748 CAPLUS
 DN 96:142748
 TI 4-Nitroso-5-aminopyrazole derivatives as antifungal compounds
 AU Giori, P.; Mazzotta, D.; Vertuani, G.; Guarneri, M.; Pancaldi, D.; Brunelli, A.
 CS Ist. Chim. Farm. Tossicol., Univ. Studi, Ferrara, Italy
 SO Farmaco, Ed. Sci. (1981), 36(12), 1019-28
 CODEN: FRPSAX; ISSN: 0430-0920
 DT Journal
 LA Italian
 AB Pyrazoles I (R = ClC₆H₄, Cl₂C₆H₃; R₁ = H, CO₂Et) and II (R₂ = H, 3-F₃CC₆H₄, 2-O₂NC₆H₄NH, L amino acid residue) were prepd. and they are useful as fungicides (no data). 5-Amino-1-(2-chlorophenyl)-3-methylpyrazole was treated with EtONO to give I (R = 2-ClC₆H₄, R₁ = H). The I (R₁ = H) and ClCO₂Et gave I (R₁ = CO₂Et), the latter were heated to yield fused compds. III, and the III were cleaved by R₂NH₂ to give II.
 IT **81198-54-1P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 81198-54-1 CAPLUS
 CN Urea, N-(3-methyl-4-nitroso-1-phenyl-1H-pyrazol-5-yl)-N'-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



L6 ANSWER 30 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1979:72161 CAPLUS
 DN 90:72161
 TI Fused isoquinoline derivatives
 IN Winters, Giorgio; DiMola, Nunzio
 PA Gruppo Lepetit S.p.A., Italy
 SO U.S., 7 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

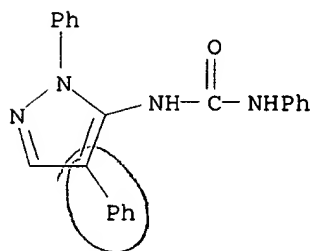
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4113731	A	19780912	US 1976-713011	19760809
PRAI	IT 1975-26591		19750827		

AB The isoquinoline derivs. I [R, R1 = H, C1-15 alkyl, alkoxy, halo; X = R2C:CR3 (R2C:CR3 = benzo, benzo substituted with a C1-15 alkyl, C3-15 alkenyl, Ph CN, F3C, NO2, SO3H, SO2NH2); N:CR4, R4C:N (R4 = H, HO, C1-15 alkyl, Ph, Ph substituted with C1-15 alkyl, C3-15 alkenyl, Ph, CN, F3C, NO2, SO3H, SO2NH2); Z = S, NR5 (R5 = H, C1-15 alkyl, Ph; Ph substituted with C1-15 alkyl, C3-15 alkenyl, Ph, CN, F3C, NO2, SO3H, SO2NH2)] were prepd. Thus, 2-amino-1-methyl-3-(3,4-dimethoxyphenyl)indole was treated with PhNCO to give 3-[1-methyl-3-(3,4-dimethoxyphenyl)indol-2-yl]-1-phenylurea which was heated to give 95% 2,3-dimethoxy-7-methylindolo[2,3-c]isoquinolin-5(6H)-one.

IT **69125-38-8P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and cyclization of)

RN 69125-38-8 CAPLUS

CN Urea, N-(1,4-diphenyl-1H-pyrazol-5-yl)-N'-phenyl- (9CI) (CA INDEX NAME)

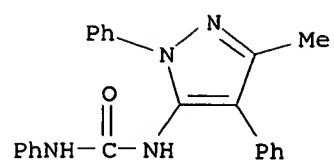


IT **58314-83-3P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and cyclization of, pyrazoloisoquinoline deriv. from)

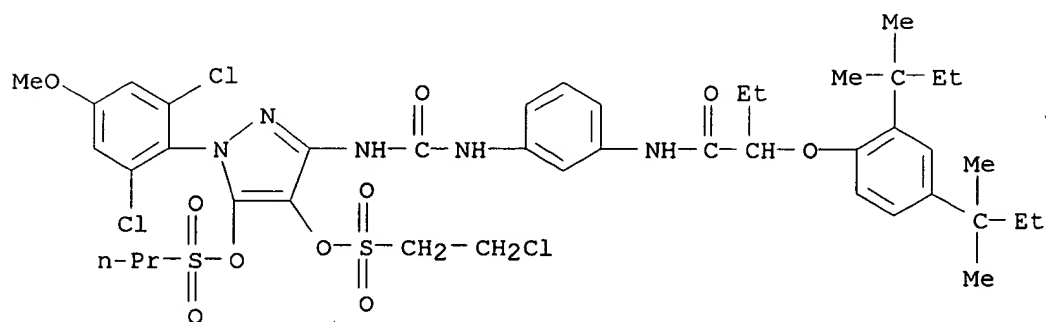
RN 58314-83-3 CAPLUS

CN Urea, N-(3-methyl-1,4-diphenyl-1H-pyrazol-5-yl)-N'-phenyl- (9CI) (CA INDEX NAME)

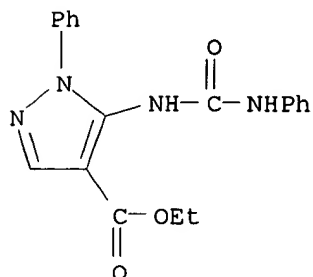
09/472,232



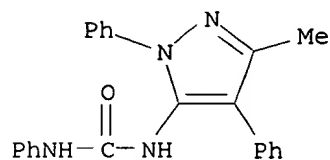
L6 ANSWER 31 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1978:520733 CAPLUS
 DN 89:120733
 TI Silver halide color photographic material
 AU Anon.
 CS Engl.
 SO Res. Discl. (1978), 171, 28
 CODEN: RSDSBB
 DT Journal
 LA English
 AB The inclusion of a magenta coupler I or II (R = H, alkyl, aryl, or heterocycle; R1 = H, alkyl, aryl, heterocycle, NH2, carbonamido, sulfonamido, sulfamoyl, carbomoyl, or ureido; R2-alkyl, aryl, or heterocycle; R3 = Et, Pr, iso-Pr, Bu, iso-Bu, or Ph; R4 = Et, Pr, iso-Pr, Bu, or iso-Bu) in a Ag halide emulsion yields a good dye image. These couplers have a high coupling reaction rate and give an image with a high color max., low fog, and good granularity. The couplers are used at 0.1-5.0 mmol/cm2 of emulsion layer. Some 11 couplers are listed.
 IT 67520-73-4
 RL: TEM (Technical or engineered material use); USES (Uses)
 (photog. magenta coupler)
 RN 67520-73-4 CAPLUS
 CN 1-Propanesulfonic acid,
 3-[[[3-[[2-[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]phenyl]amino]carbonyl]amino]-4-[[2-chloroethyl)sulfonyl]oxy]-1-(2,6-dichloro-4-methoxyphenyl)-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)



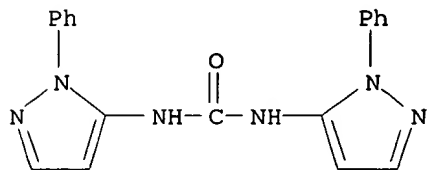
L6 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1977:29738 CAPLUS
 DN 86:29738
 TI Synthesis of some derivatives of pyrazolo[3,4-d]pyrimidine-4,6-diones
 AU Sarangan, S.; Somasekhara, S.
 CS Med. Chem. Div., Sarabhai Res. Cent., Baroda, India
 SO J. Indian Chem. Soc. (1976), 53(4), 426-7
 CODEN: JICSAH
 DT Journal
 LA English
 AB The pyrazolopyrimidinediones I (R = H, Me, Cl, MeO; R1 = H, o-Me, m-Me, p-Me, o-MeO, o-Cl, m-Cl) were prepd. by cyclization of EtOCH:C(CN)CO2Et with p-RC6H4NHNH2 to give 1-phenyl-5-aminopyrazole-4-carboxylates, which were treated with R1C6H4NCO and the product ureido derivs. cyclized with EtONa. At 200 mg/kg I (R = Me, R1 = m-Me) was antiinflammatory.
 IT **61262-31-5P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and cyclization of, pyrazolopyrimidinedione from)
 RN 61262-31-5 CAPLUS
 CN 1H-Pyrazole-4-carboxylic acid,
 1-phenyl-5-[[(phenylamino)carbonyl]amino]-,
 ethyl ester (9CI) (CA INDEX NAME)



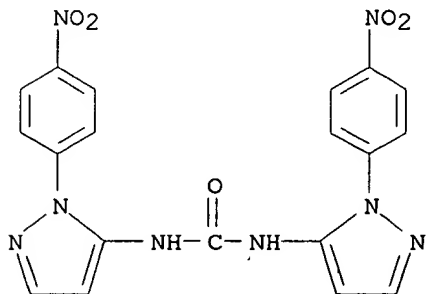
L6 ANSWER 33 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1976:43930 CAPLUS
 DN 84:43930
 TI Synthesis of fused isoquinolinones by thermal cyclization of
 .beta.-phenyl-.alpha.-substituted amino heterocyclic compounds
 AU Winters, G.; di Mola, N.
 CS Res. Lab., Gruppo Lepetit S.p.A., Milan, Italy
 SO Tetrahedron Lett. (1975), (44), 3877-8
 CODEN: TELEAY
 DT Journal
 LA English
 AB Heating heterocyclic .alpha.-phenyl ureas at 270-80.degree. induced
 cyclization to give isoquinolines derivs. E.g. indole deriv. I (R =
 CONHPh, CO₂Et), prepd. from I (R = H) gave 87 and 80% II, resp.
 IT **58314-83-3P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and cyclization of)
 RN 58314-83-3 CAPLUS
 CN Urea, N-(3-methyl-1,4-diphenyl-1H-pyrazol-5-yl)-N'-phenyl- (9CI) (CA
 INDEX NAME)



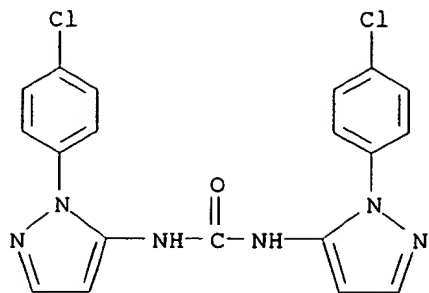
L6 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2001 ACS
 AN 1975:57600 CAPLUS
 DN 82:57600
 TI Synthesis of some pyrazolylureas
 AU Dymek, Wojciech; Ryznerski, Zygmunt; Cygankiewicz, Andrzej; Zimon, Romuald
 CS Dep. Pharm. Chem., Med. Acad., Krakow, Pol.
 SO Pol. J. Pharmacol. Pharm. (1974), 26(4), 479-82
 CODEN: PJPPAA
 DT Journal
 LA English
 AB Pyrazolylureas I, II (R = Me, Ph, 4-O₂NC₆H₄, 4-ClC₆H₄; R₁ = H, Me, Ph, 4-O₂NC₆H₄, 4-ClC₆H₄; R₁ = H, Me) were prepd. by condensing 4-MeC₆H₄SO₂NCO or 4-MeC₆H₄SO₂NHCONH₂ (to give I) and urea (to give II), with the appropriate 5-aminopyrazoles.
 IT 54569-79-8P 54569-80-1P 54569-81-2P
 54569-82-3P 54569-83-4P 54569-84-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 54569-79-8 CAPLUS
 CN Urea, N,N'-bis(1-phenyl-1H-pyrazol-5-yl)- (9CI) (CA INDEX NAME)



RN 54569-80-1 CAPLUS
 CN Urea, N,N'-bis[1-(4-nitrophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)

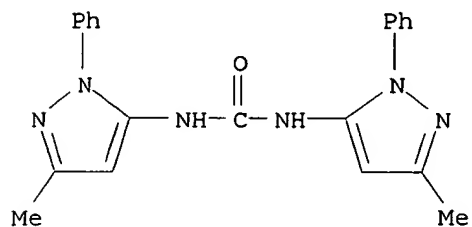


RN 54569-81-2 CAPLUS
 CN Urea, N,N'-bis[1-(4-chlorophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



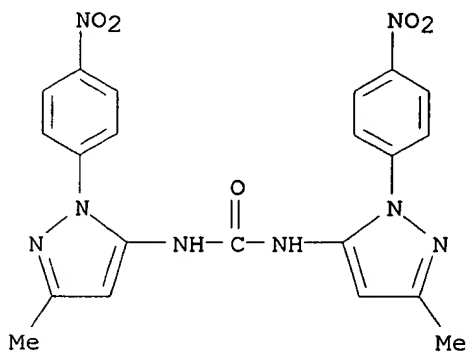
RN 54569-82-3 CAPLUS

CN Urea, N,N'-bis(3-methyl-1-phenyl-1H-pyrazol-5-yl)- (9CI) (CA INDEX NAME)



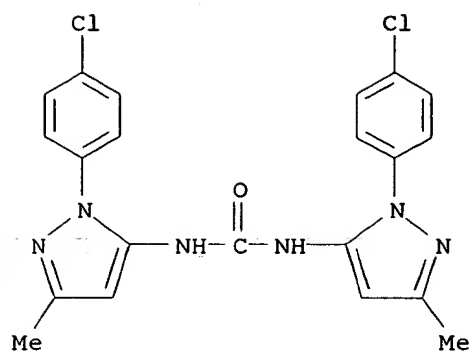
RN 54569-83-4 CAPLUS

CN Urea, N,N'-bis[3-methyl-1-(4-nitrophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



RN 54569-84-5 CAPLUS

CN Urea, N,N'-bis[1-(4-chlorophenyl)-3-methyl-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



L6 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2001 ACS

AN 1973:459982 CAPLUS

DN 79:59982

TI Direct-positive, color photographic material

IN Shiba, Keisuke; Sano, Kazuya; Okumura, Akio; Kubodera, Seiiti

PA Fuji Photo Film Co., Ltd.

SO Ger. Offen., 38 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2244924	A1	19730322	DE 1972-2244924	19720913
	JP 48038149	A2	19730605	JP 1971-71065	19710913
	US 3790388	A	19740205	US 1972-288826	19720913
	GB 1389570	A	19750403	GB 1972-42587	19720913

PRAI JP 1971-71065 19710913

AB Direct pos. emulsions with chem. surface-fogged Ag halide grains, contg.
1

.times. 10⁻⁶-5 .times. 10⁻³ mole adsorbed electron, and if desired also halogen (M-band type sensitizing dyes) acceptors with an SO₃H or CO₂H group per mole Ag halide, contain as color-former precursor for magenta,

a pyrazole with an aliph. or arom. acyloxy group in its 5- and a diffusion-proofing acylamido or ureido group in its 3-position. These precursors avoid the loss of stability, speed, and highlight brilliance caused by 5-pyrazolones. Thus, I, dispersed as a di-Bu phthalate soln.

in aq. gelatin, was used as the precursor example, with II as the electron acceptor.

IT 50623-04-6

RL: USES (Uses)

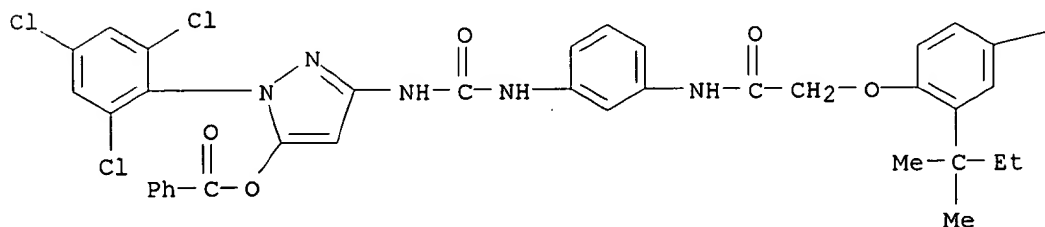
(photog. color former precursors, for direct-pos. emulsions)

RN 50623-04-6 CAPLUS

CN Acetamide,

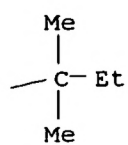
N-[3-[[[5-(benzoyloxy)-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl]amino]carbonyl]amino]phenyl]-2-[2,4-bis(1,1-dimethylpropyl)phenoxy]-(9CI) (CA INDEX NAME)

PAGE 1-A



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PAGE 1-B



09/472,232

=> d his

(FILE 'HOME' ENTERED AT 08:33:52 ON 06 FEB 2001)

FILE 'REGISTRY' ENTERED AT 08:34:42 ON 06 FEB 2001
L1 STRUCTURE UPLOADED
L2 9 S L1 SSS SAM

FILE 'STNGUIDE' ENTERED AT 08:36:56 ON 06 FEB 2001

FILE 'REGISTRY' ENTERED AT 08:48:15 ON 06 FEB 2001
L3 STRUCTURE UPLOADED
L4 2 S L3 SSS SAM
L5 267 S L3 SSS FUL

FILE 'CAPLUS' ENTERED AT 08:49:58 ON 06 FEB 2001
L6 35 S L5

FILE 'CAOLD' ENTERED AT 08:53:33 ON 06 FEB 2001

=> s 15

L7 0 L5